

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087741.D
 Acq On : 6 Jun 2016 7:50
 Operator : UM/SJ
 Sample : H3356-01MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:25:37 PM

Quant Time: Jun 06 12:42:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143077	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	549520	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	248541	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	358637	20.00	ng	0.00
75) Chrysene-d12	14.02	240	278863	20.00	ng	0.00
86) Perylene-d12	15.45	264	242978	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	701852	79.29	ng	0.02
7) Phenol-d6	6.50	99	882761	79.52	ng	0.01
23) Nitrobenzene-d5	7.43	82	508149	53.50	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	193767	77.67	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	896615	48.68	ng	0.00
78) Terphenyl-d14	12.97	244	707548	61.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	81283	19.00	ng	# 28
3) Pyridine	3.27	79	251148	22.22	ng	98
4) n-Nitrosodimethylamine	3.21	42	116898	24.48	ng	90
6) Aniline	6.52	93	201991	12.84	ng	99
8) 2-Chlorophenol	6.65	128	278744	27.36	ng	85
9) Benzaldehyde	6.40	77	19148	2.55	ng	84
10) Phenol	6.51	94	383217	30.32	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	267932	29.17	ng	# 84
12) 1,3-Dichlorobenzene	6.80	146	266128	24.40	ng	99
13) 1,4-Dichlorobenzene	6.88	146	278020	25.41	ng	99
14) 1,2-Dichlorobenzene	7.04	146	257332	25.08	ng	100
15) Benzyl Alcohol	7.00	79	204126	24.89	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	340502	25.42	ng	97
17) 2-Methylphenol	7.12	107	208579	25.50	ng	99
18) Hexachloroethane	7.38	117	84981	22.21	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	156075	22.51	ng	97
20) 3+4-Methylphenols	7.28	107	274681	27.41	ng	# 83
22) Acetophenone	7.28	105	355186	28.54	ng	# 93
24) Nitrobenzene	7.45	77	293426	30.87	ng	100
25) Isophorone	7.69	82	464621	26.87	ng	97
26) 2-Nitrophenol	7.76	139	65947	14.93	ng	97
27) 2,4-Dimethylphenol	7.80	122	240857	26.31	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	282907	25.79	ng	# 96
29) 2,4-Dichlorophenol	8.01	162	213238	28.36	ng	90
30) 1,2,4-Trichlorobenzene	8.09	180	231328	29.38	ng	100
31) Naphthalene	8.17	128	764351	28.61	ng	99
33) 4-Chloroaniline	8.22	127	127695	11.00	ng	98
34) Hexachlorobutadiene	8.30	225	119273	29.14	ng	98
35) Caprolactam	8.58	113	64031	25.93	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	211008	27.13	ng	91
37) 2-Methylnaphthalene	8.87	142	465379	26.38	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	204220	29.81	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	52373	13.00	ng	98
42) 2,4,6-Trichlorophenol	9.14	196	133227	25.75	ng	98

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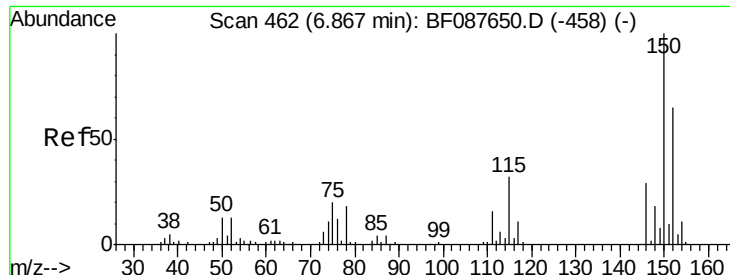
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	124137	25.79	nq	97
45) 1,1'-Biphenyl	9.32	154	503061	24.94	nq	100
46) 2-Chloronaphthalene	9.35	162	405041	25.23	nq	99
47) 2-Nitroaniline	9.45	65	144102	31.87	nq	# 56
48) Acenaphthylene	9.76	152	645008	25.76	nq	99
49) Dimethylphthalate	9.63	163	809613	44.81	nq	99
50) 2,6-Dinitrotoluene	9.69	165	104419	25.40	nq	96
51) Acenaphthene	9.94	154	404647	25.12	nq	99
52) 3-Nitroaniline	9.85	138	130864	27.83	nq	97
53) 2,4-Dinitrophenol	9.95	184	4754	6.30	nq	# 79
54) Dibenzofuran	10.11	168	610856	27.85	nq	100
55) 4-Nitrophenol	10.02	139	174532	43.43	nq	# 58
56) 2,4-Dinitrotoluene	10.09	165	132575	25.32	nq	97
57) Fluorene	10.46	166	459715	26.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	104855	25.28	nq	# 55
59) Diethylphthalate	10.33	149	564277	31.10	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	201967	26.01	nq	100
61) 4-Nitroaniline	10.47	138	141620	31.33	nq	96
62) Azobenzene	10.60	77	534995	29.29	nq	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	7725	5.73	nq	93
65) n-Nitrosodiphenylamine	10.56	169	419561	35.72	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	140799	39.59	nq	100
67) Hexachlorobenzene	10.99	284	136436	34.31	nq	96
68) Atrazine	11.10	200	118016	33.92	nq	98
69) Pentachlorophenol	11.19	266	131506	55.65	nq	98
70) Phenanthrene	11.42	178	683065	35.13	nq	98
71) Anthracene	11.46	178	677042	34.75	nq	99
72) Carbazole	11.61	167	633437	34.34	nq	100
73) Di-n-butylphthalate	11.95	149	806829	40.80	nq	100
74) Fluoranthene	12.59	202	699700	36.57	nq	97
76) Benzidine	12.72	184	163027	14.83	nq	98
77) Pyrene	12.82	202	655734	33.02	nq	100
79) Butylbenzylphthalate	13.45	149	334579	39.59	nq	98
80) Benzo(a)anthracene	14.01	228	591921	36.78	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	135652	29.88	nq	# 98
82) Chrysene	14.05	228	482852	30.14	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	452315	44.97	nq	99
84) Di-n-octyl phthalate	14.62	149	722539	38.64	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	475834	35.94	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	527752m	33.39	nq	
88) Benzo(k)fluoranthene	15.07	252	524928m	39.92	nq	
89) Benzo(a)pyrene	15.39	252	490884	36.95	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	392993	34.76	nq	98
91) Benzo(g,h,i)perylene	17.27	276	384367	33.69	nq	100

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



#1

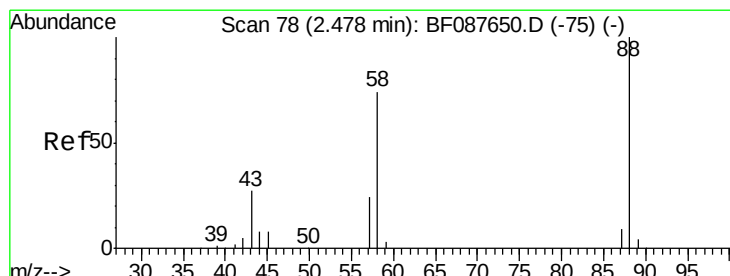
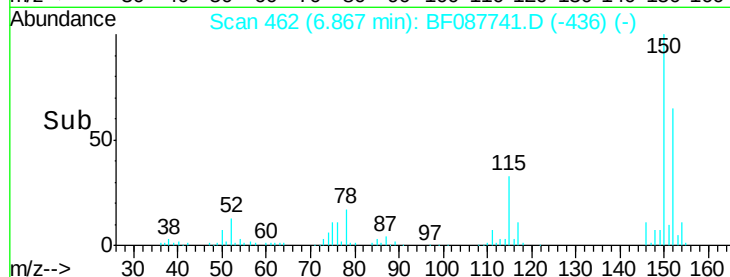
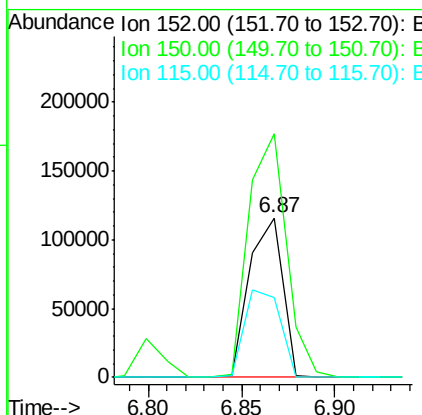
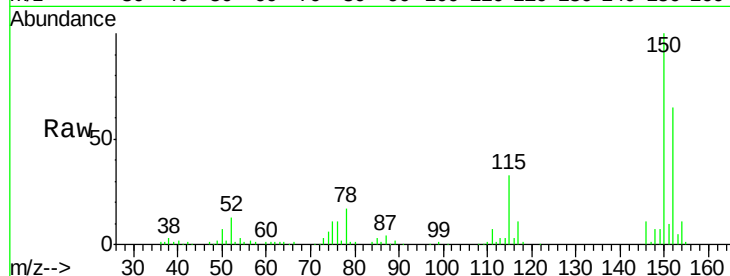
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.8	185.6
115	50.3	39.6	59.4

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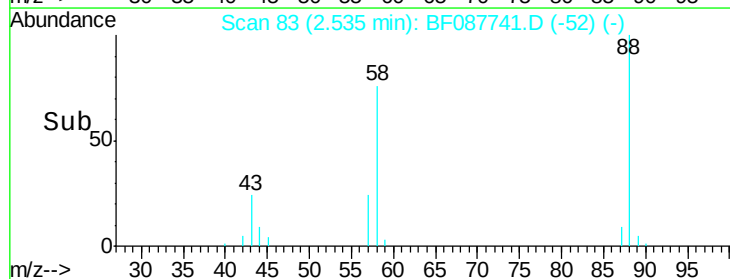
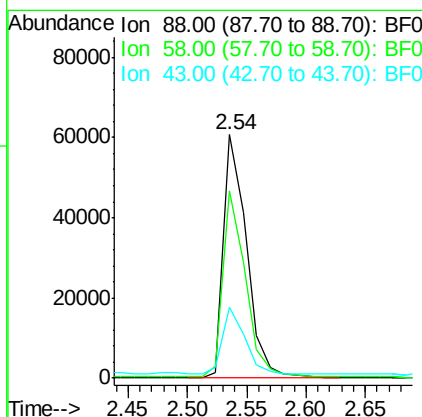
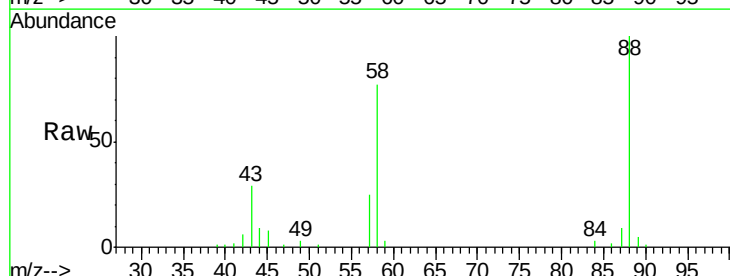
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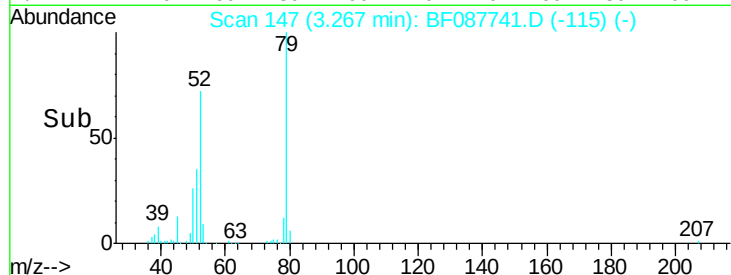
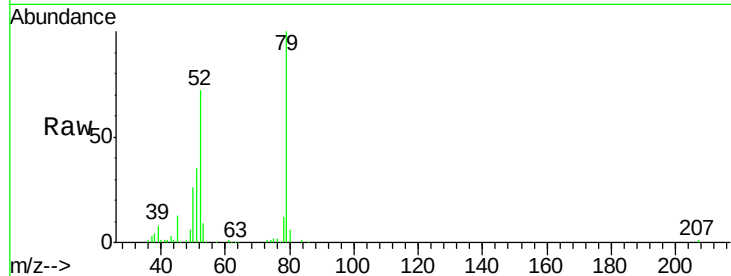
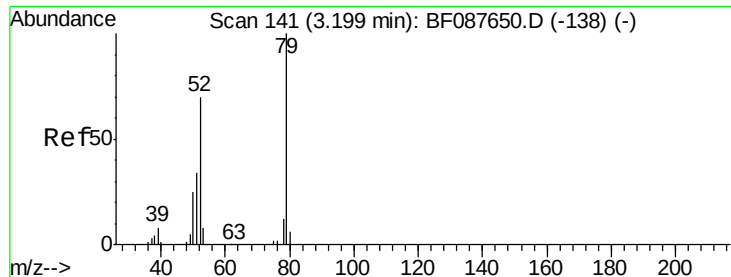


#2

1,4-Dioxane
Concen: 19.00 ng
RT: 2.54 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	0.0	0.0#
43	28.0	3.4	5.2#





#3

Pvridine

Concen: 22.22 ng

RT: 3.27 min Scan# 147

Delta R.T. 0.07 min

Lab File: BF087741.D

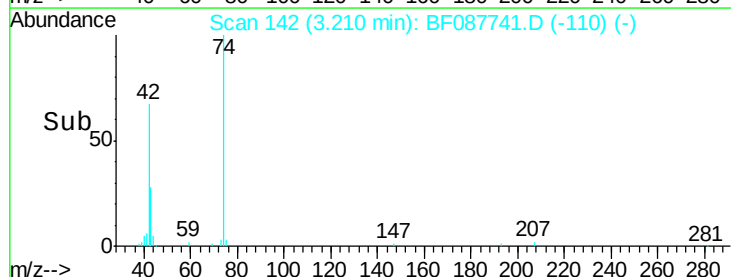
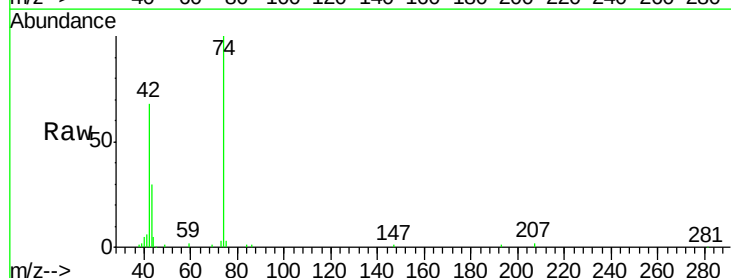
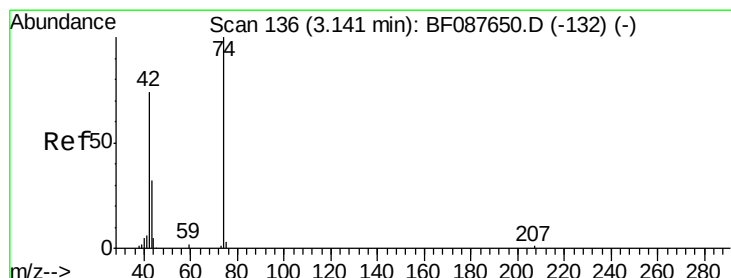
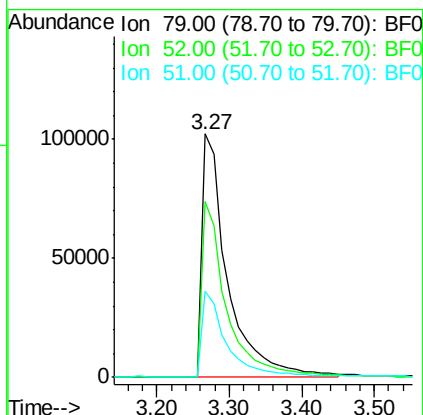
Acq: 6 Jun 2016 7:50

Tot Ion:	79	Resp:	251148
Ion Ratio	Lower	Upper	
79	100		
52	72.3	56.3	84.5
51	35.5	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 24.48 ng

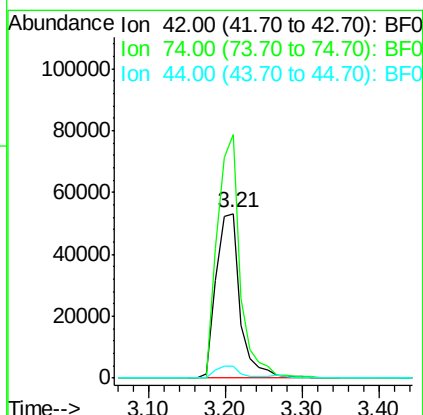
RT: 3.21 min Scan# 142

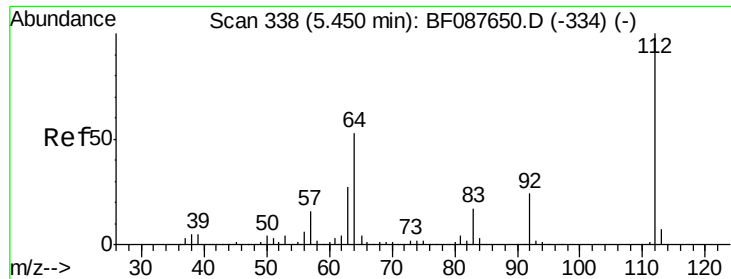
Delta R.T. 0.07 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	42	Resp:	116898
Ion Ratio	Lower	Upper	
42	100		
74	148.1	108.6	163.0
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 79.29 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

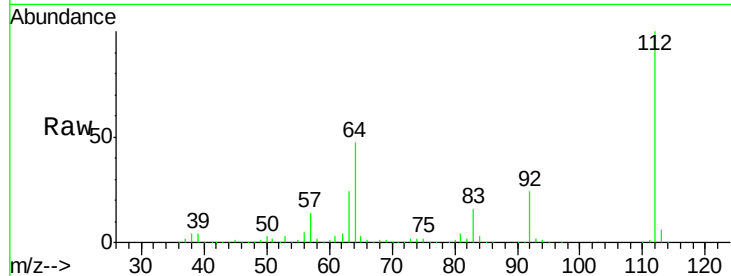
ClientSampleId :

U5-B2(0-10)CMS

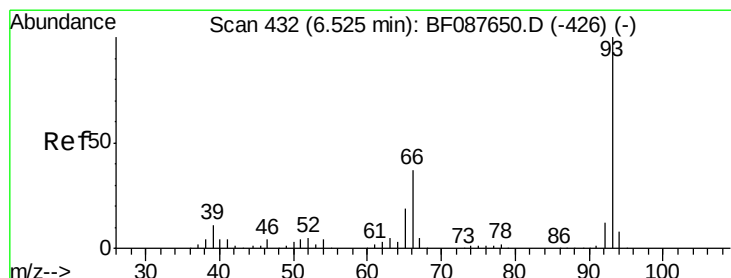
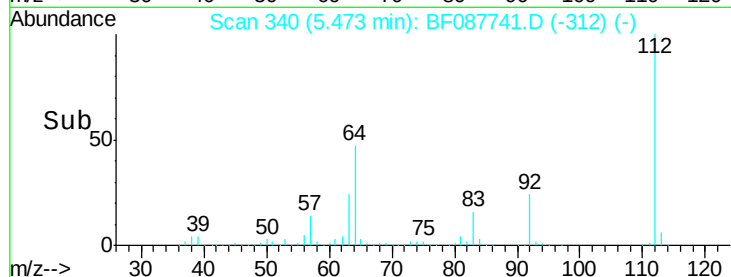
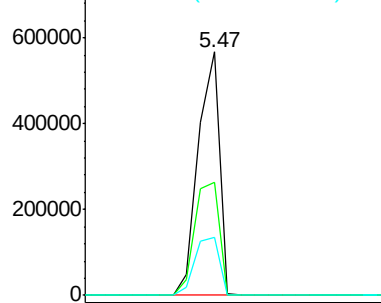
Tot Ion	Ion	Ratio	Resp Lower	Upper
112	100			
64	46.6	42.2	63.2	
63	24.1	21.8	32.8	

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



#6

Aniline

Concen: 12.84 ng

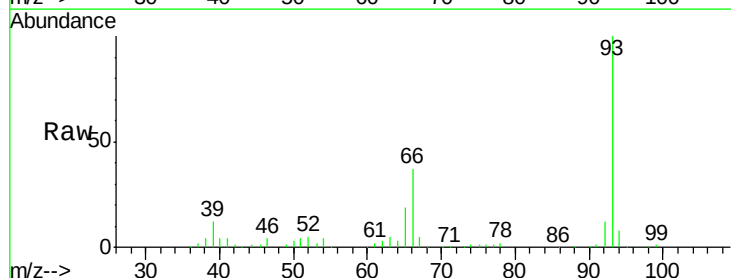
RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

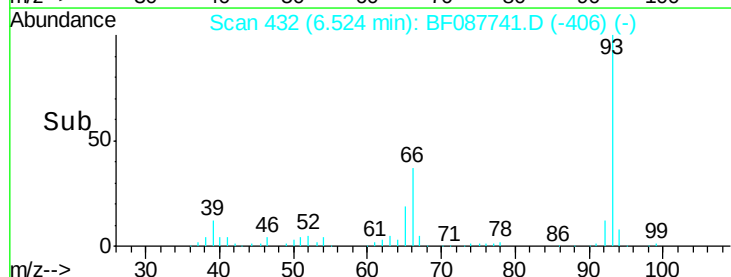
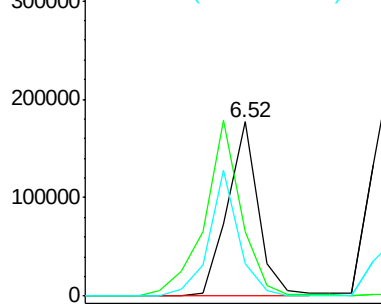
Lab File: BF087741.D

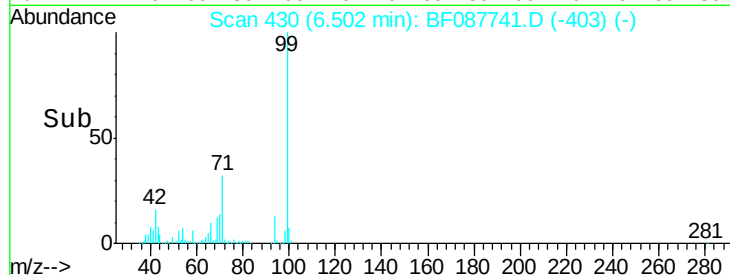
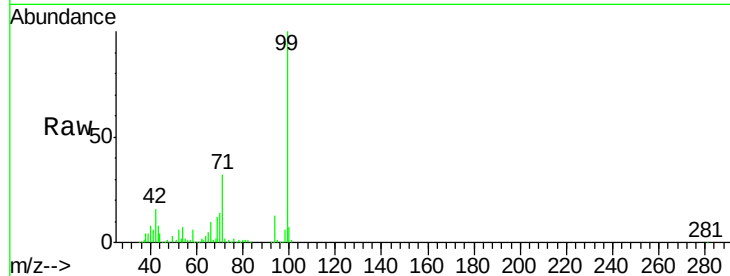
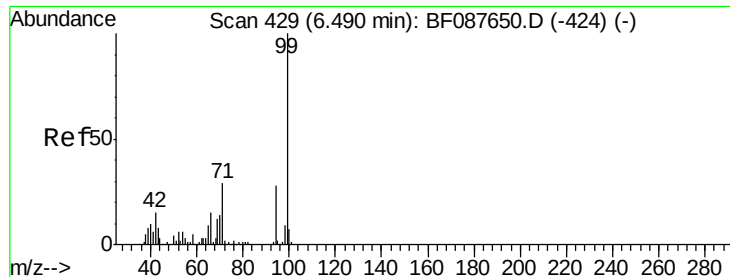
Acq: 6 Jun 2016 7:50

Tgt Ion	Ion	Ratio	Resp Lower	Upper
93	100			
66	36.7	29.8	44.8	
65	18.9	14.9	22.3	



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 79.52 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tot Ion:	99	Resp:	882761
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.2	18.2
71	32.2	23.4	35.0

Instrument :

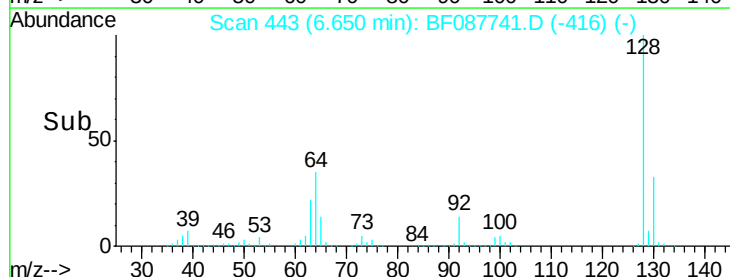
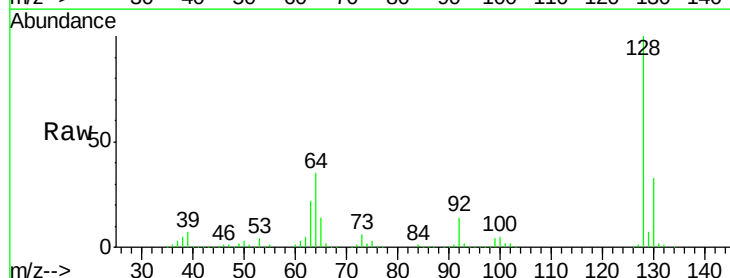
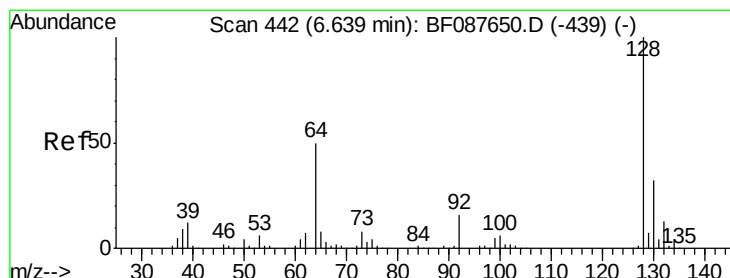
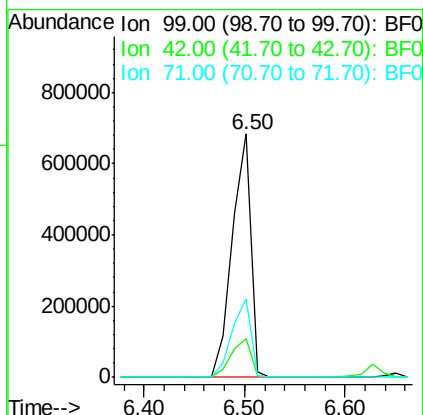
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ClientSampleId :

U5-B2(0-10)CMS

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#8

2-Chlorophenol

Concen: 27.36 ng

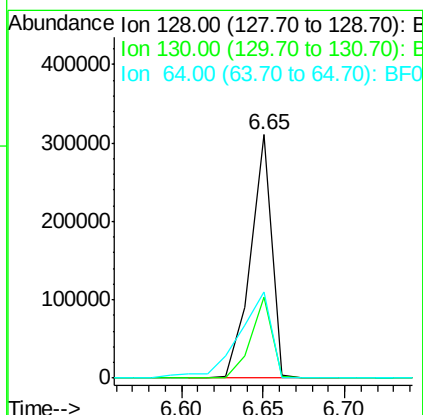
RT: 6.65 min Scan# 443

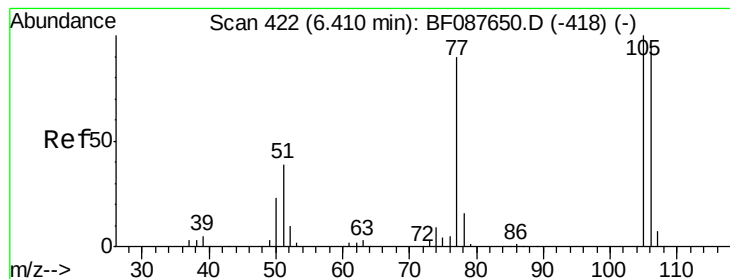
Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	128	Resp:	278744
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.0	52.0
64	35.3	30.8	70.8





#9

Benzaldehyde

Concen: 2.55 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

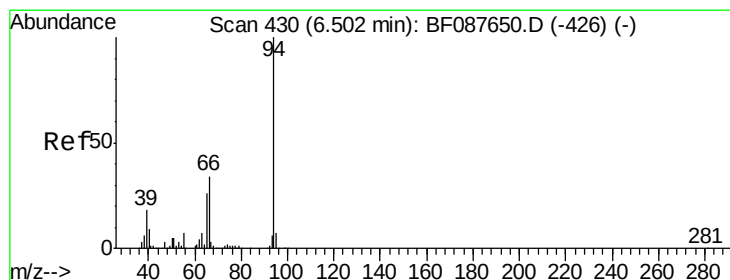
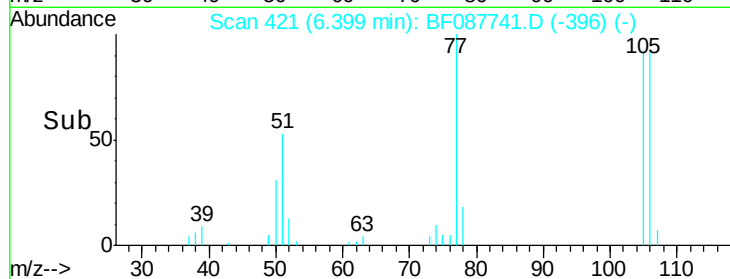
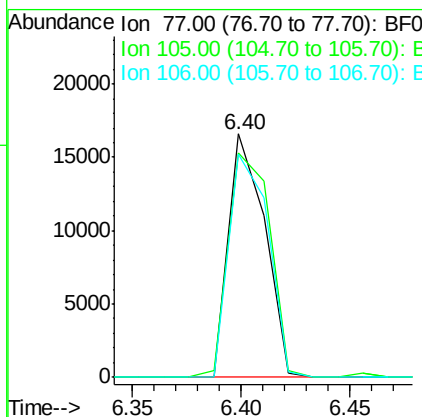
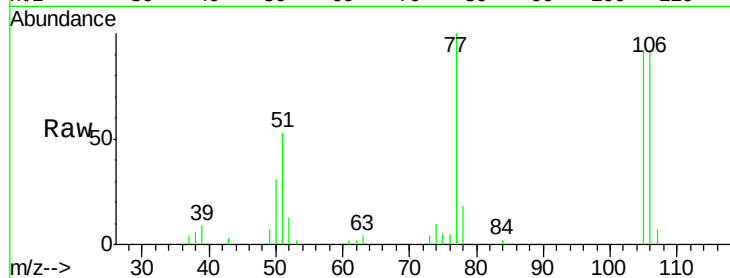
ClientSampleId :

U5-B2(0-10)CMS

Tot Ion:	77	Resp:	19148
Ion	Ratio	Lower	Upper
77	100		
105	92.0	90.6	130.6
106	91.6	85.3	125.3

Manual Integrations
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#10

Phenol

Concen: 30.32 ng

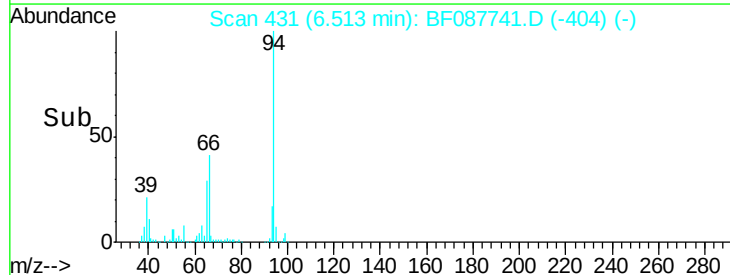
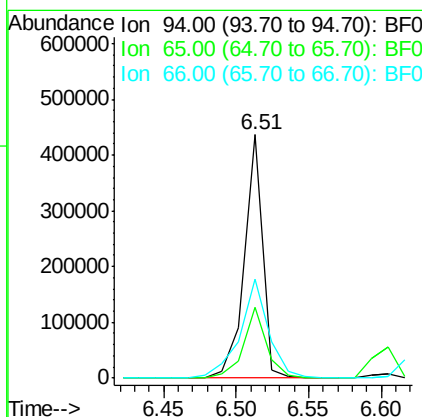
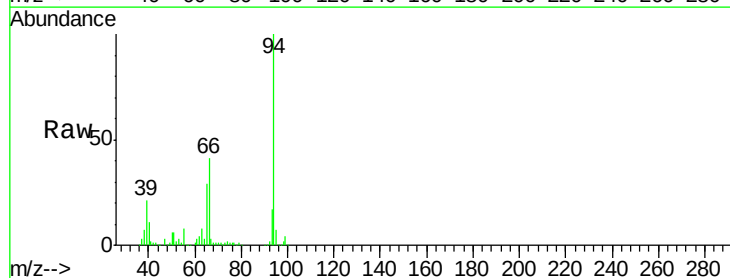
RT: 6.51 min Scan# 431

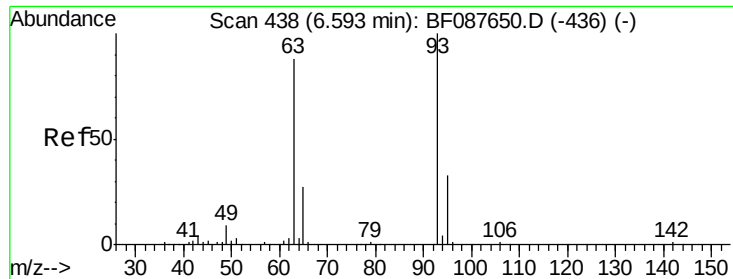
Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	94	Resp:	383217
Ion	Ratio	Lower	Upper
94	100		
65	29.3	5.9	45.9
66	40.7	14.0	54.0





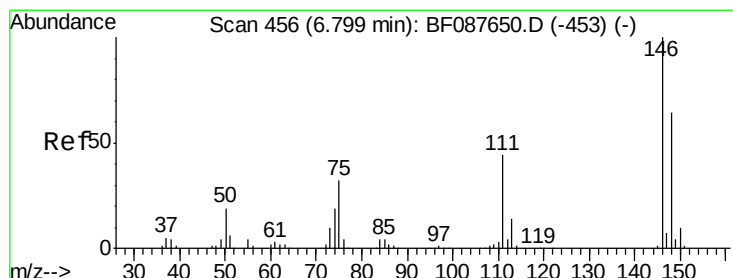
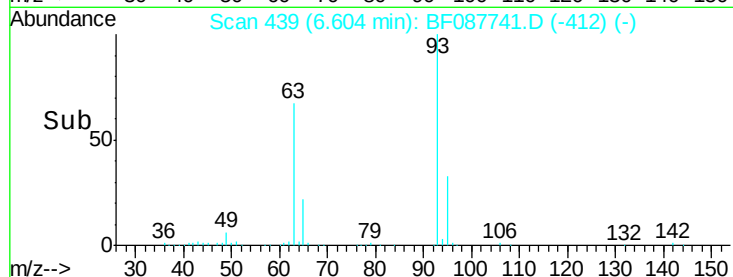
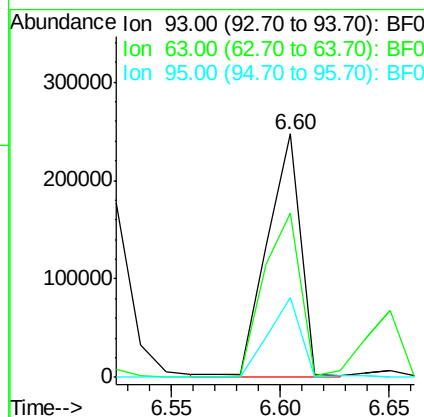
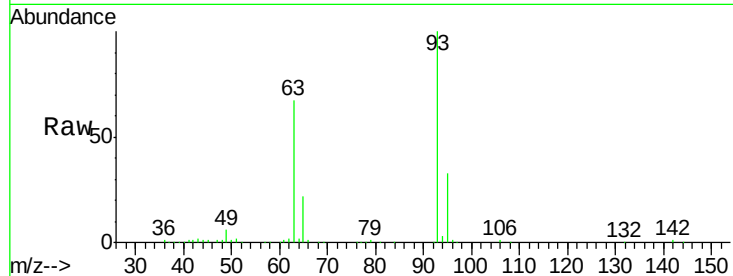
#11
bis(2-Chloroethyl)ether
Concen: 29.17 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.4	67.6	107.6#
95	33.0	12.5	52.5

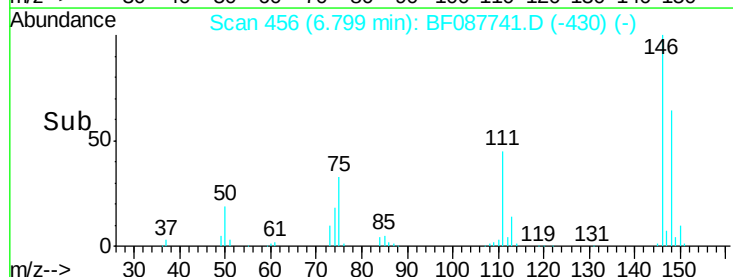
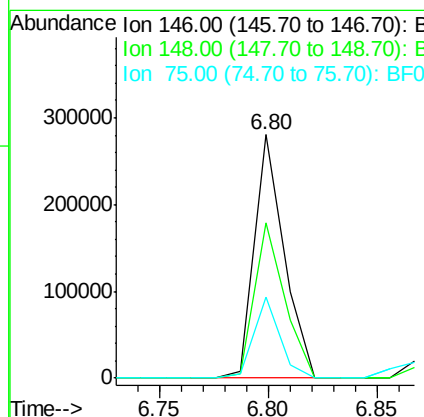
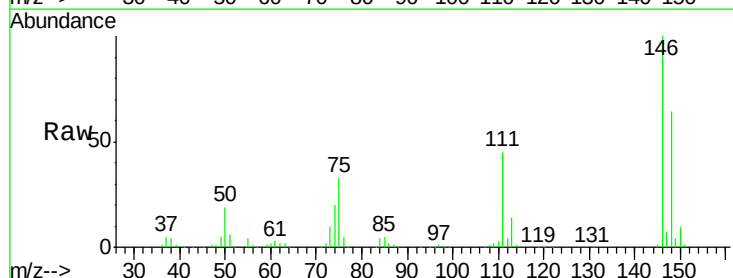
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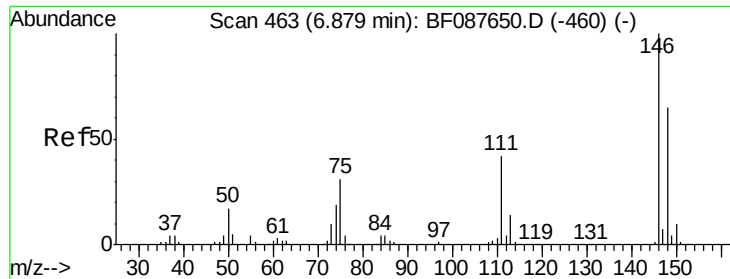
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 24.40 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	33.5	25.6	38.4





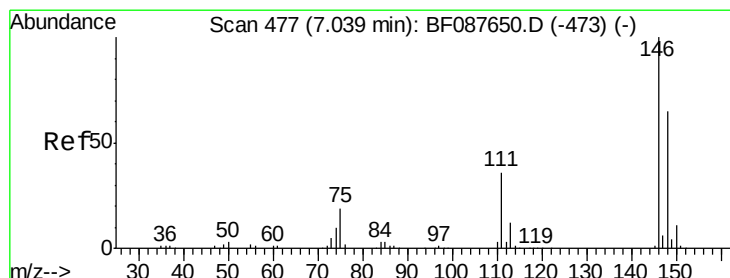
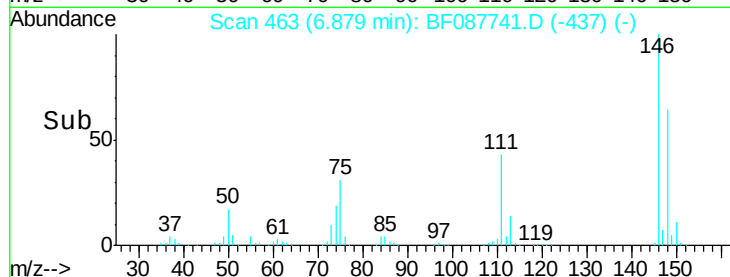
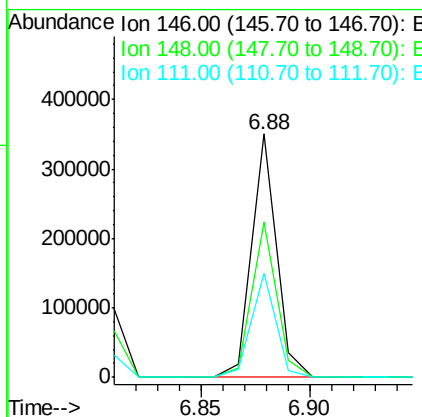
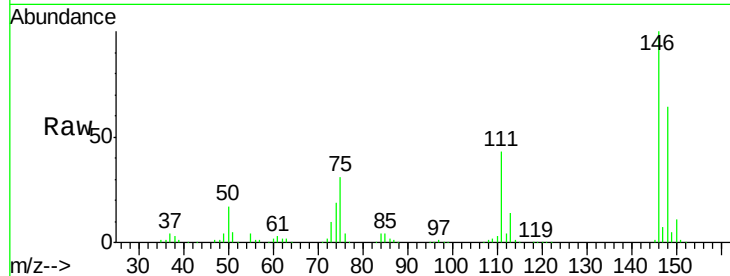
#13
 1,4-Dichlorobenzene
 Concen: 25.41 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	42.5	33.8	50.8

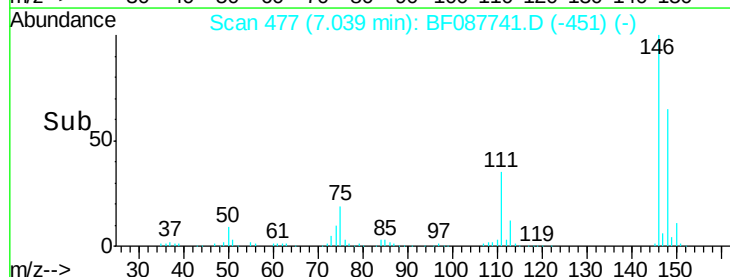
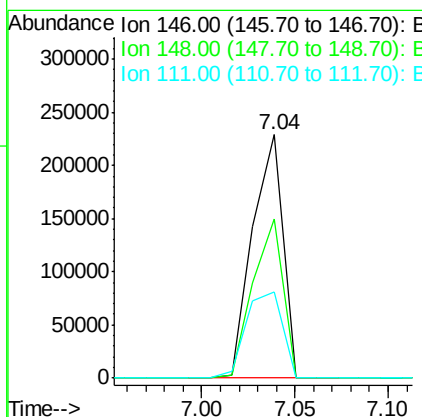
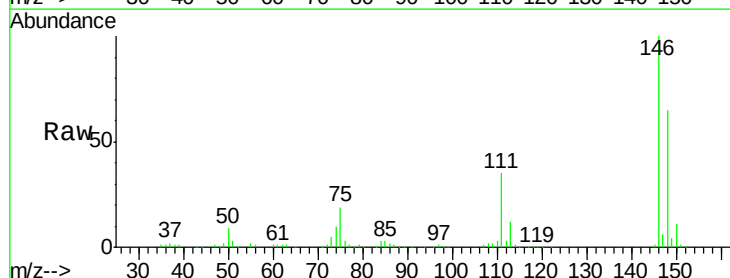
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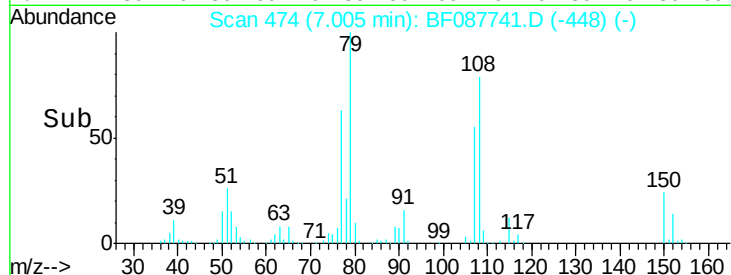
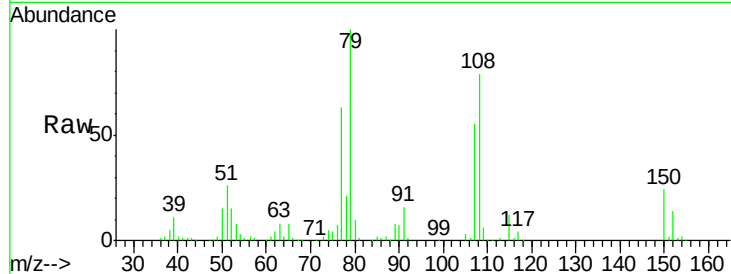
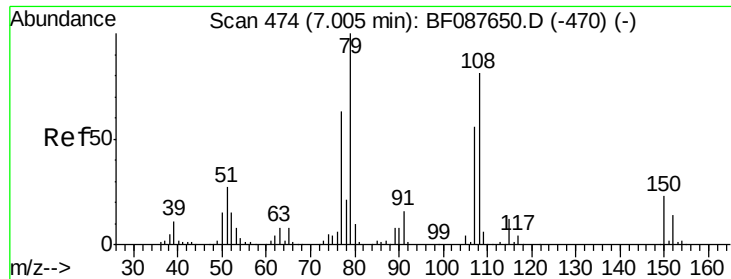
SOHIL
 6/6/2016 7:25:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 25.08 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.3	78.5
111	35.5	28.7	43.1





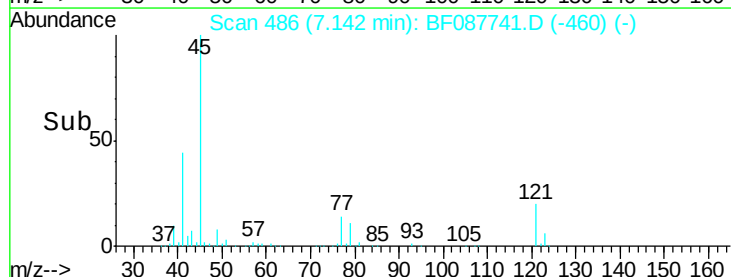
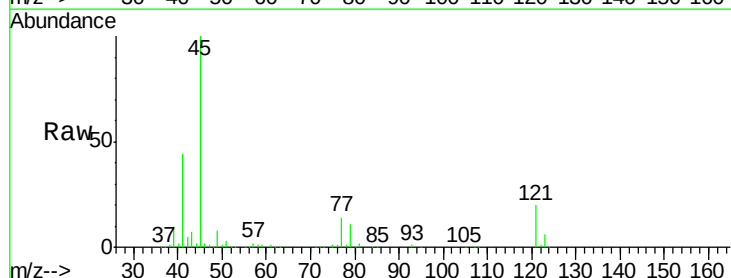
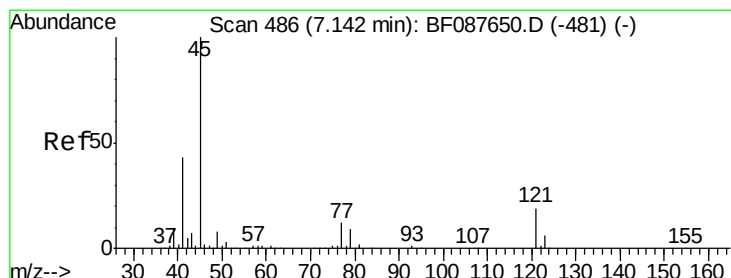
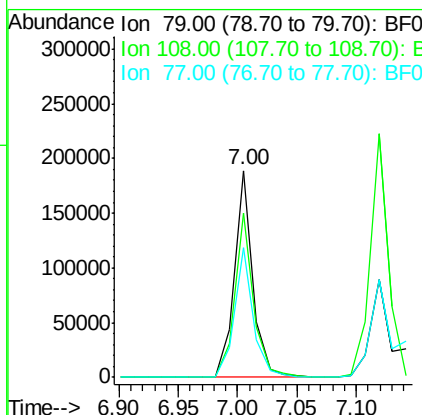
#15
Benzyl Alcohol
Concen: 24.89 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.0	65.0	97.6	
77	62.8	50.3	75.5	

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

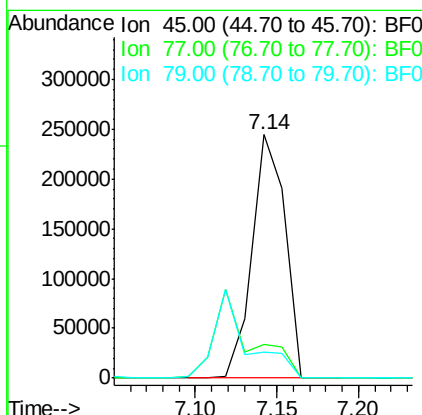
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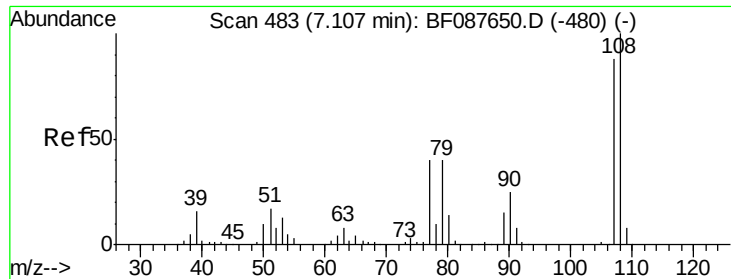
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.42 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.7	0.0	32.5	
79	10.6	0.0	29.5	





#17

2-Methylphenol

Concen: 25.50 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

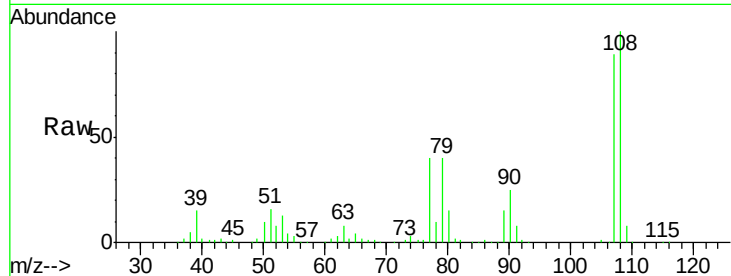
ClientSampleId :

U5-B2(0-10)CMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	90.9	136.3	
77	45.1	36.6	55.0	
79	44.8	36.5	54.7	

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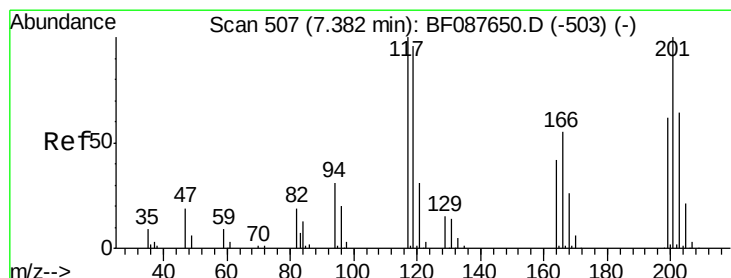
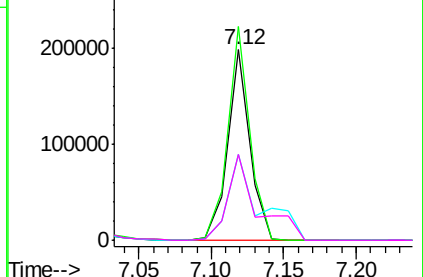
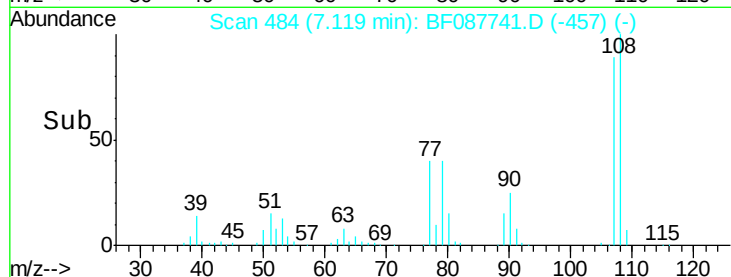


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 22.21 ng

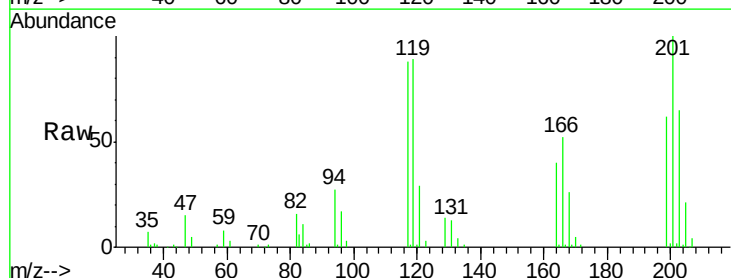
RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

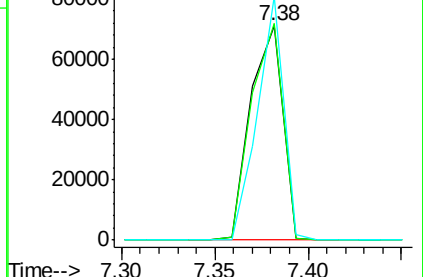
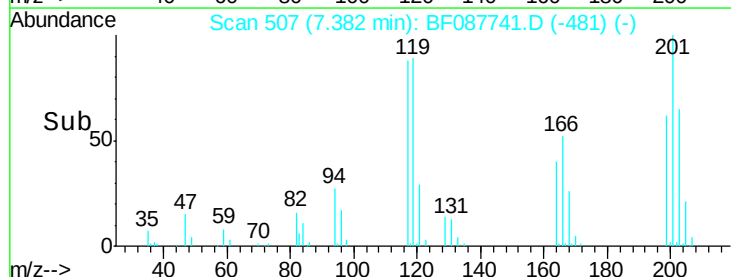
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.0	77.4	116.2	
201	113.4	80.4	120.6	

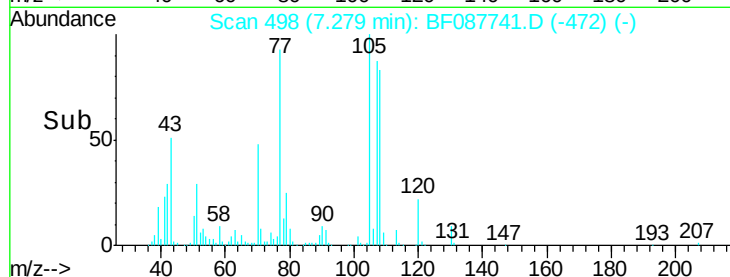
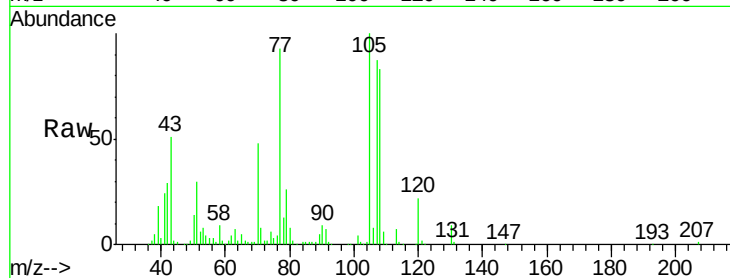
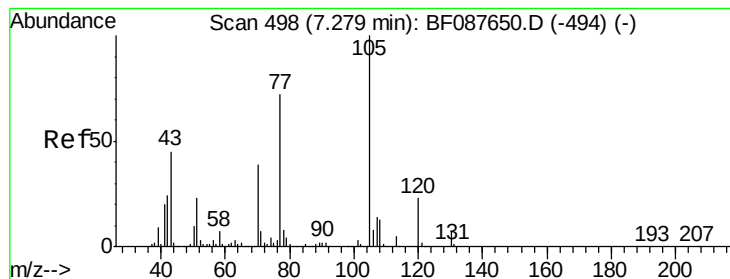


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 22.51 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMS

Tot Ion: 70 Resp: 156075

Ion Ratio Lower Upper

70 100

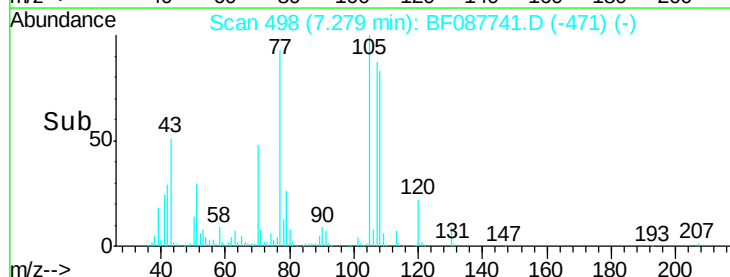
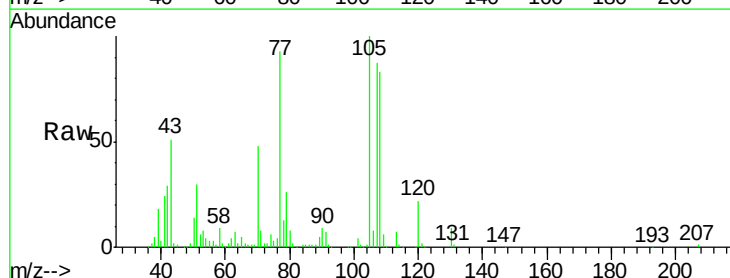
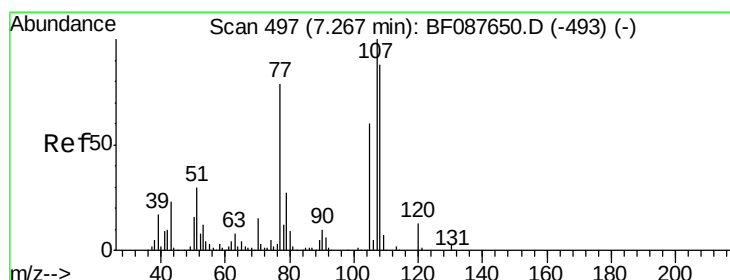
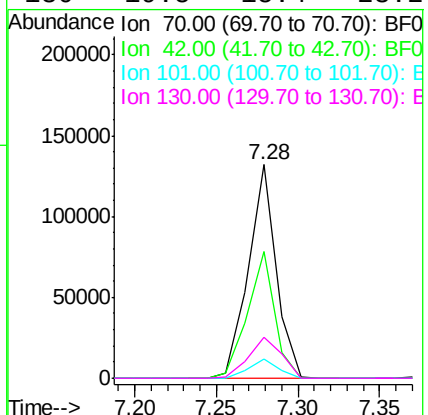
42 59.3 49.6 74.4

101 9.3 7.1 10.7

130 19.5 15.4 23.2

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#20

3+4-Methylphenols

Concen: 27.41 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion: 107 Resp: 274681

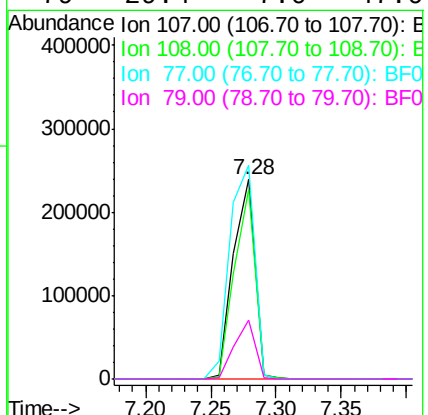
Ion Ratio Lower Upper

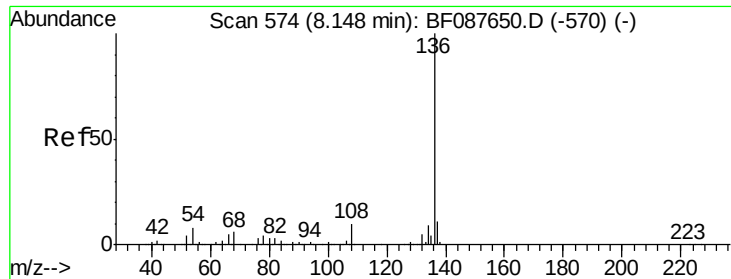
107 100

108 95.3 67.8 107.8

77 107.2 59.3 99.3#

79 29.4 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

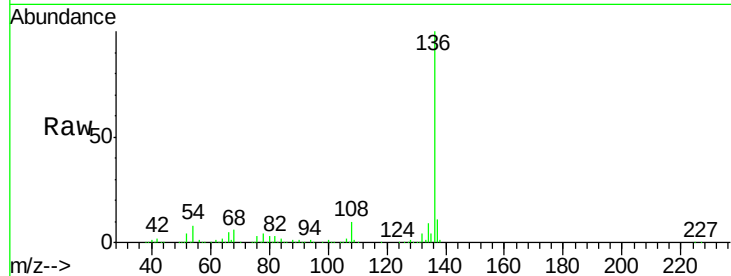
ClientSampleId :

U5-B2(0-10)CMS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	6.6	10.0
68	6.4	5.1	7.7

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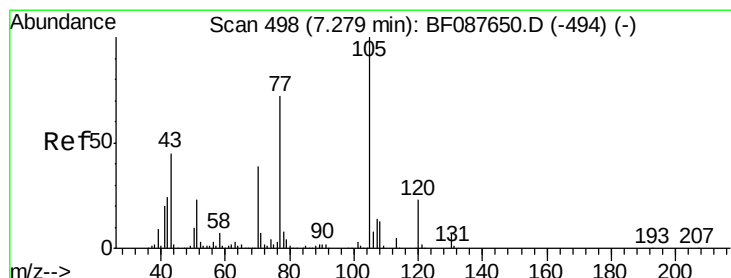
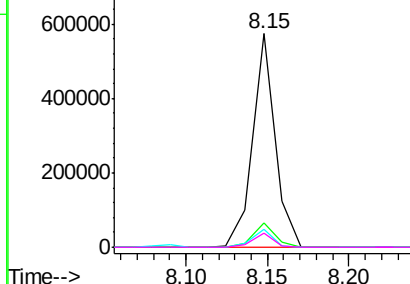
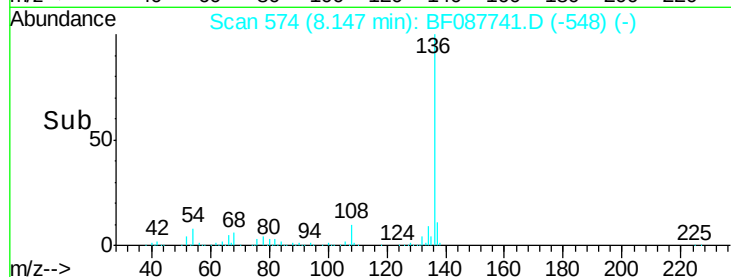


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 28.54 ng

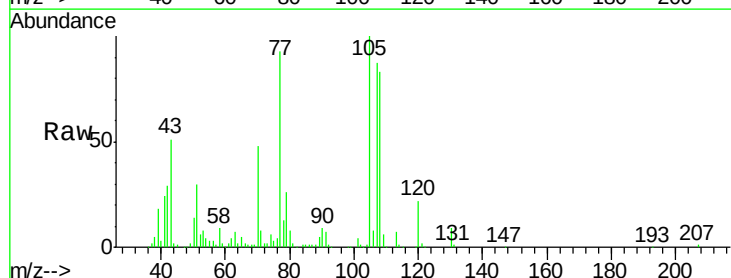
RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.1	5.3	7.9#
51	29.6	18.2	27.4#
120	22.3	18.0	27.0

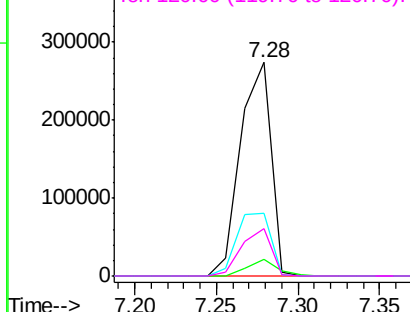
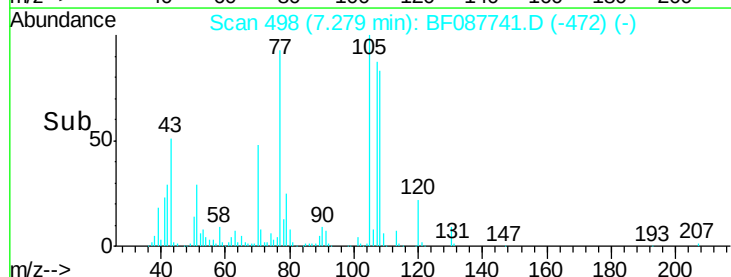


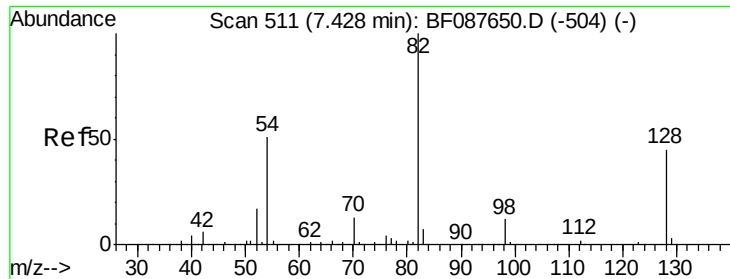
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





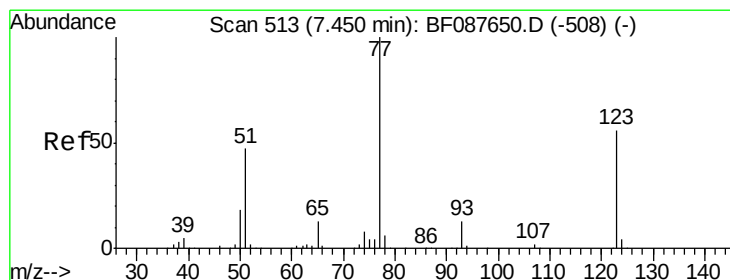
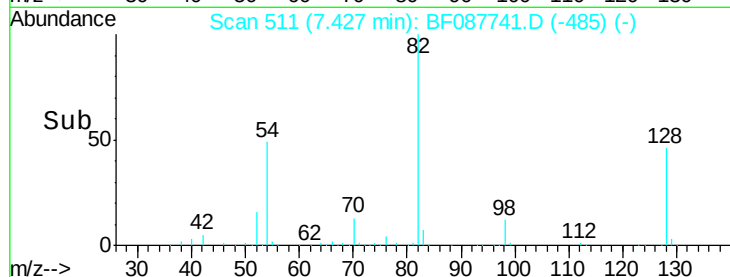
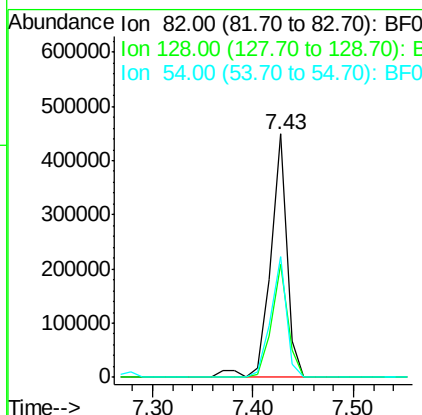
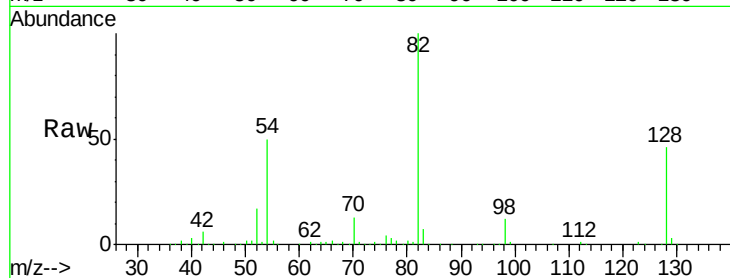
#23
 Nitrobenzene-d5
 Concen: 53.50 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	82	Resp	508149
Ion Ratio	100	Lower	Upper
128	46.2	35.9	53.9
54	49.7	40.9	61.3

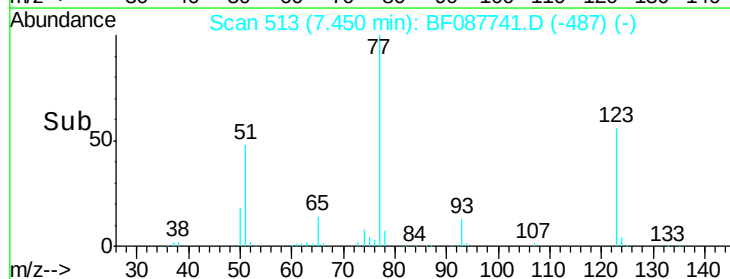
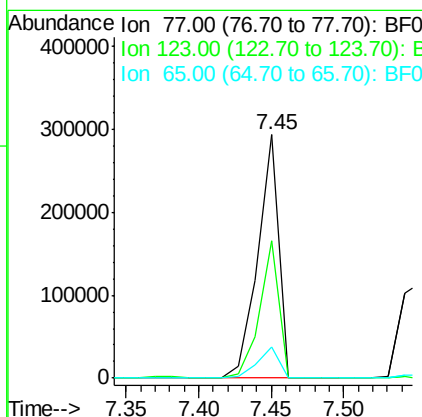
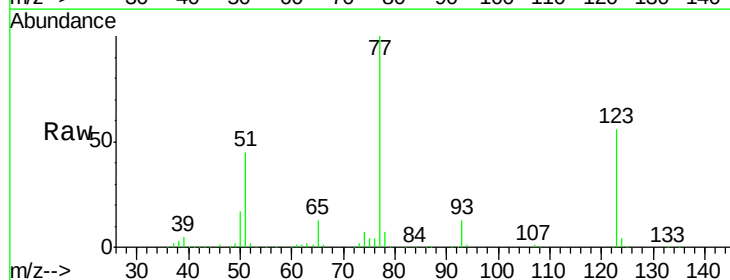
Manual Integrations
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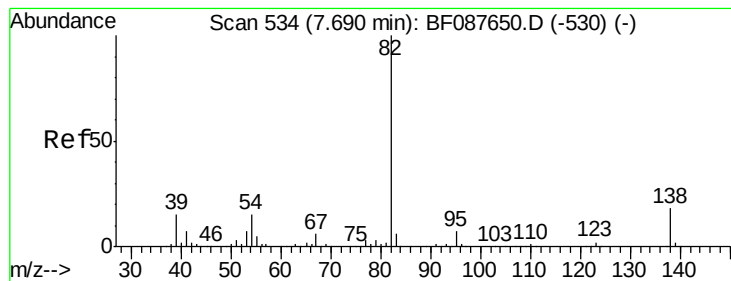
SOHIL
 6/6/2016 7:25:37 PM



#24
 Nitrobenzene
 Concen: 30.87 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	77	Resp	293426
Ion Ratio	100	Lower	Upper
123	56.2	45.0	67.4
65	12.5	10.2	15.2





#25

Isophorone

Concen: 26.87 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

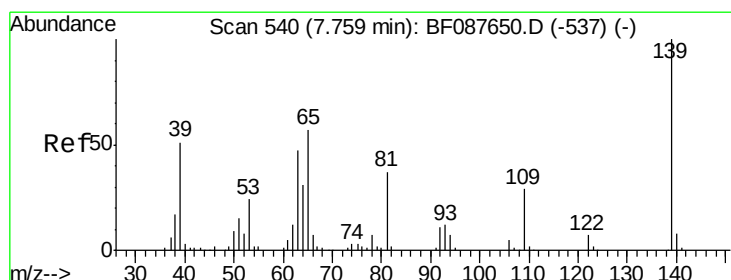
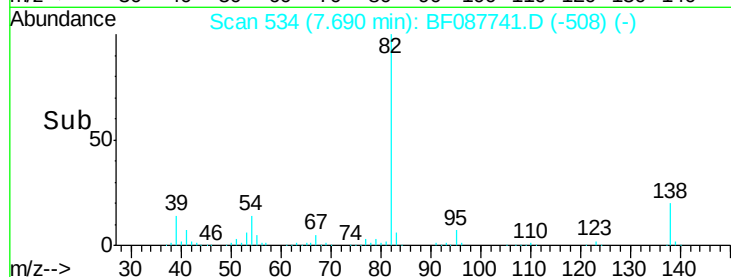
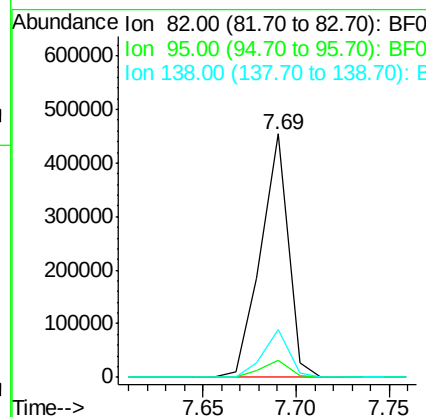
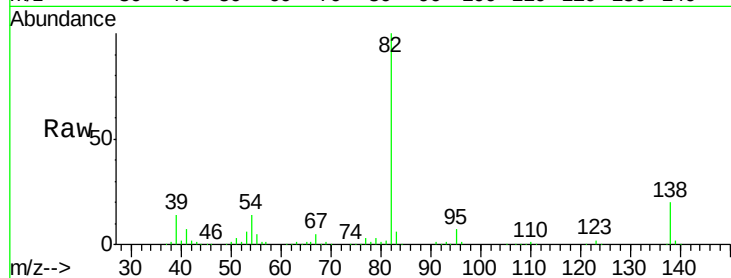
ClientSampleId :

U5-B2(0-10)CMS

Tot Ion:	82	Resp:	464621
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	19.7	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 14.93 ng

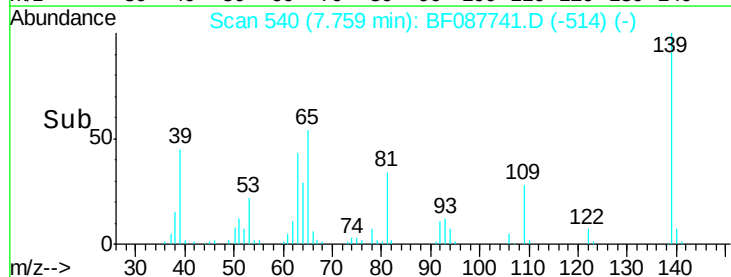
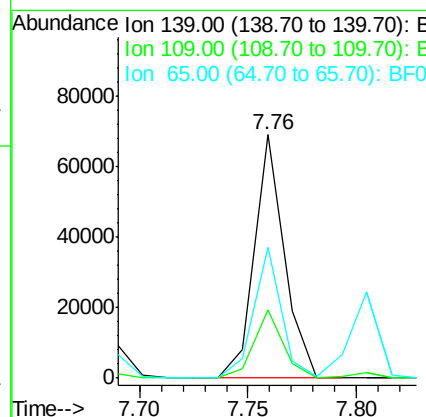
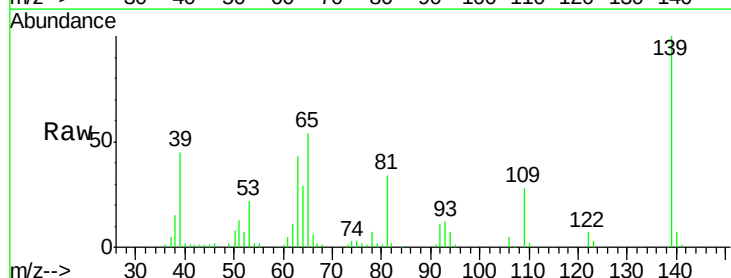
RT: 7.76 min Scan# 540

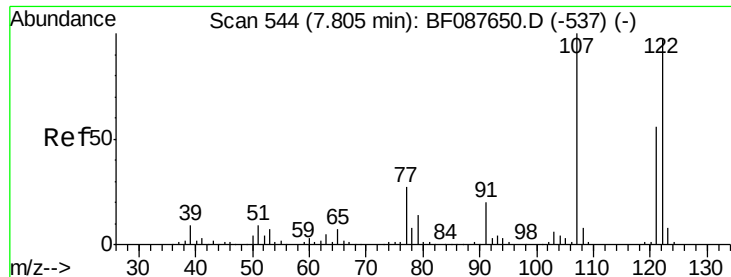
Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	139	Resp:	65947
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.0	34.4
65	53.8	45.8	68.8





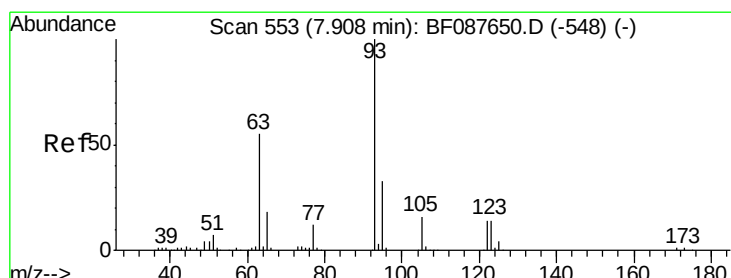
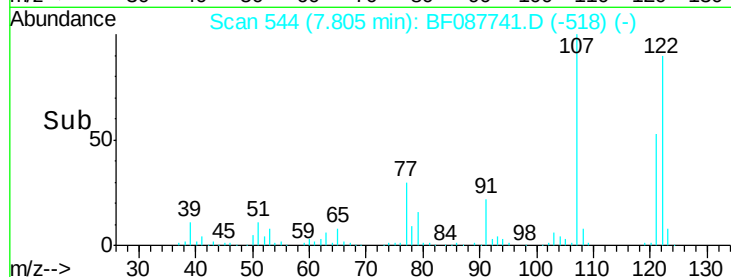
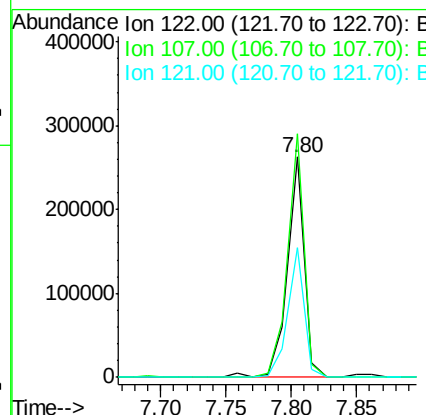
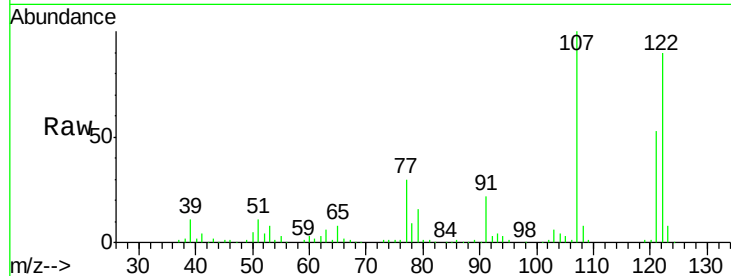
#27
2,4-Dimethylphenol
Concen: 26.31 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	240857		
107	110.6	82.4	123.6	
121	58.7	46.3	69.5	

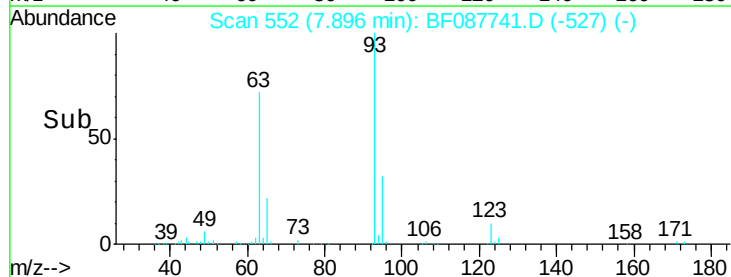
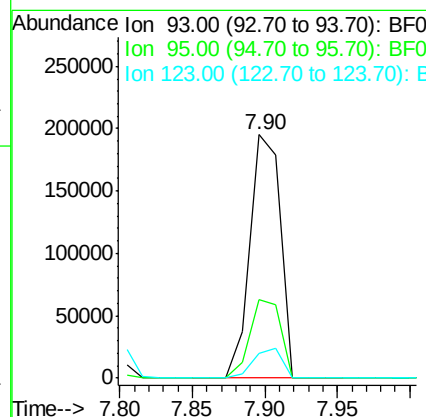
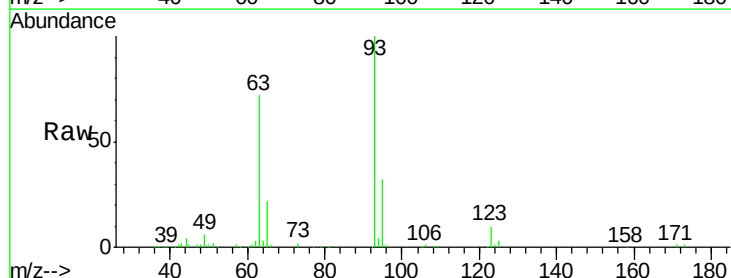
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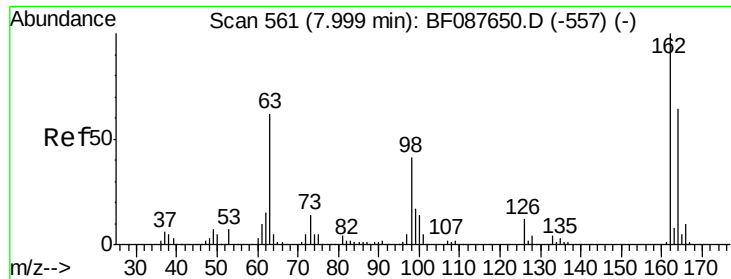
SOHIL
6/6/2016 7:25:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 25.79 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	282907		
95	32.3	26.5	39.7	
123	10.2	11.6	17.4	





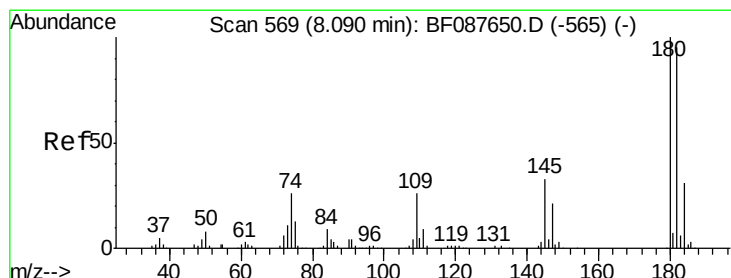
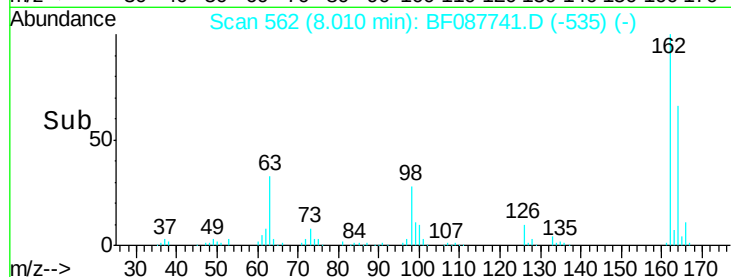
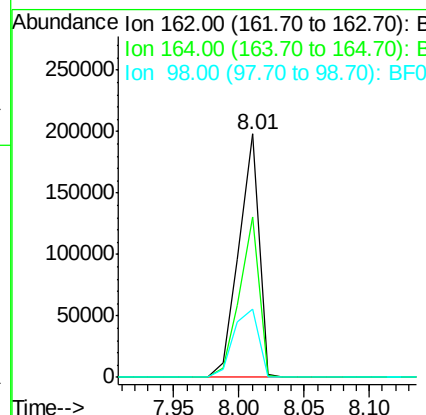
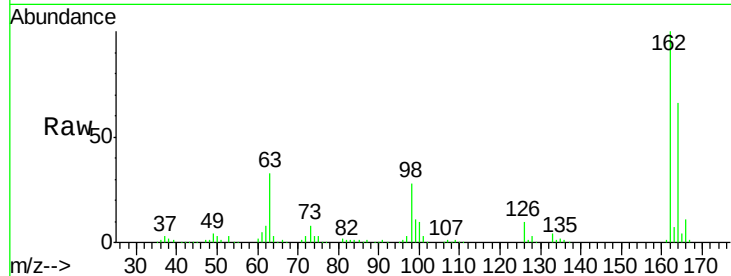
#29
2,4-Dichlorophenol
Concen: 28.36 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.1	43.8	83.8
98	28.0	21.3	61.3

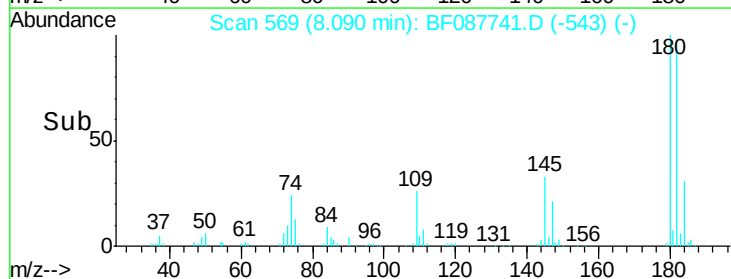
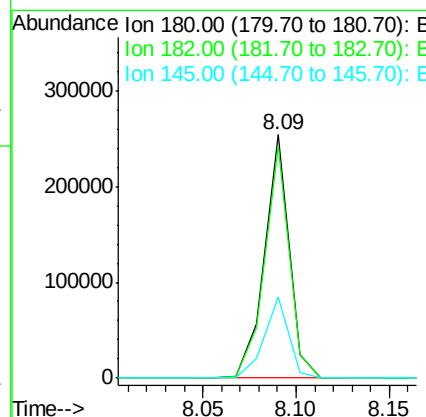
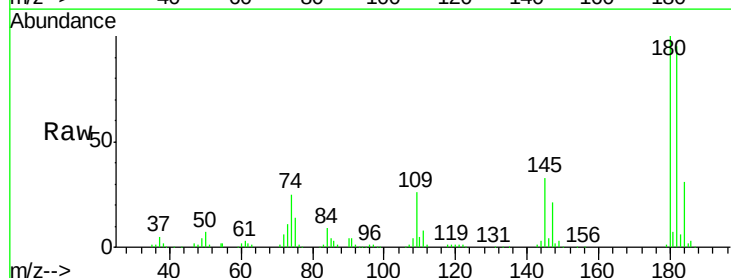
Manual Integrations
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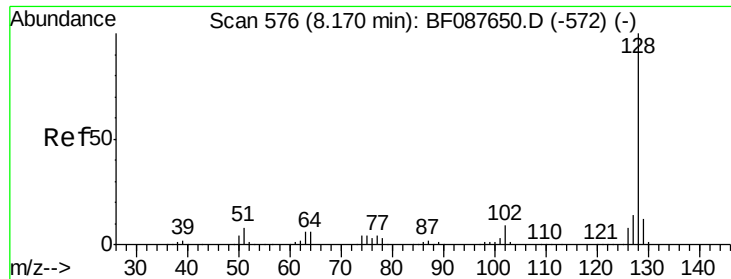
SOHIL
6/6/2016 7:25:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 29.38 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	76.0	114.0
145	33.1	26.5	39.7





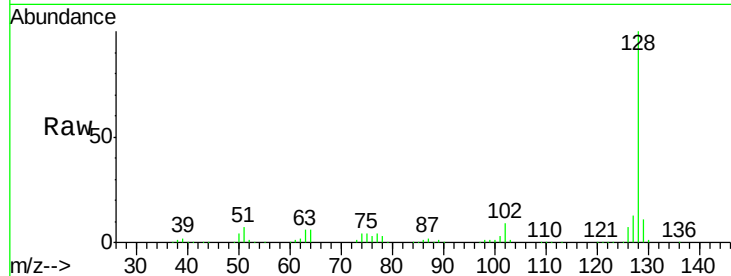
#31
Naphthalene
Concen: 28.61 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

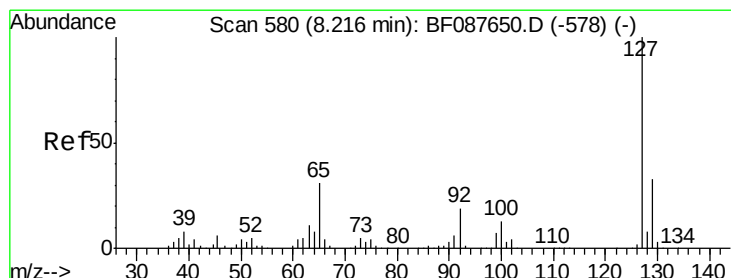
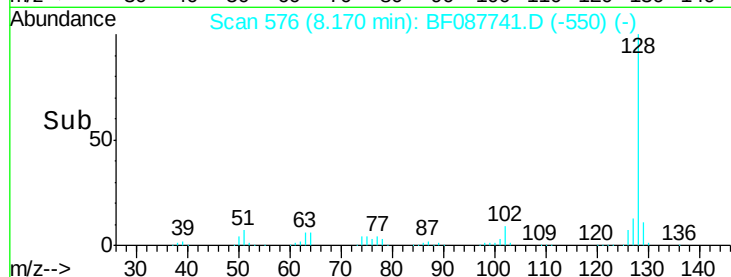
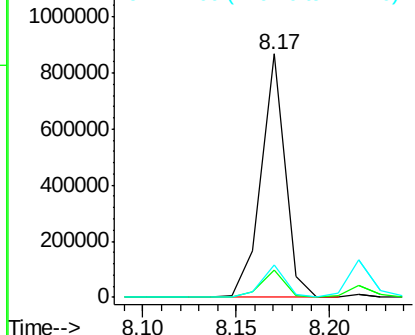
Tot Ion:	128	Resp:	764351
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.2
127	13.4	10.9	16.3

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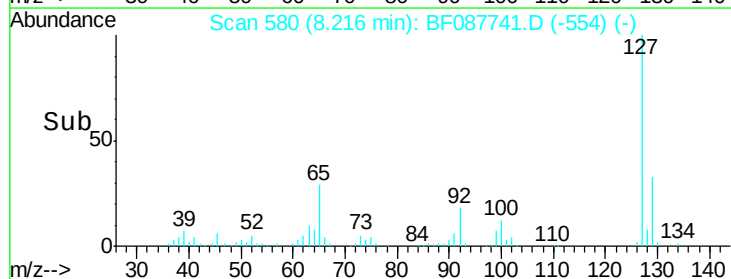
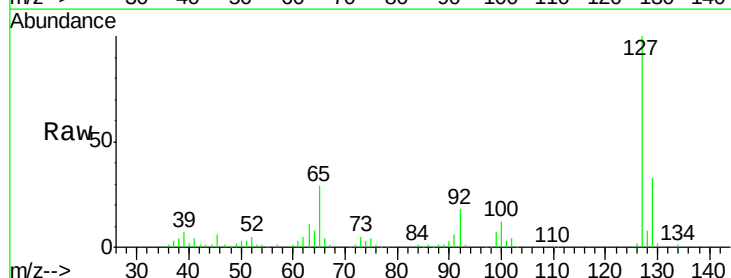
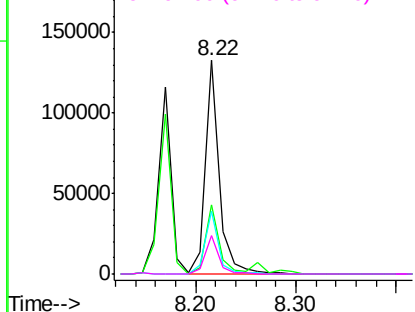
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

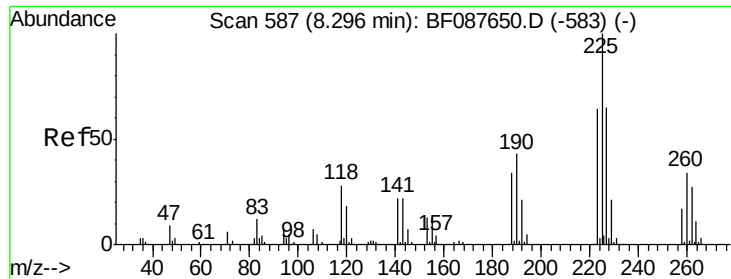


#33
4-Chloroaniline
Concen: 11.00 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:	127	Resp:	127695
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.3	39.5
65	29.4	24.7	37.1
92	18.2	15.4	23.0

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 29.14 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

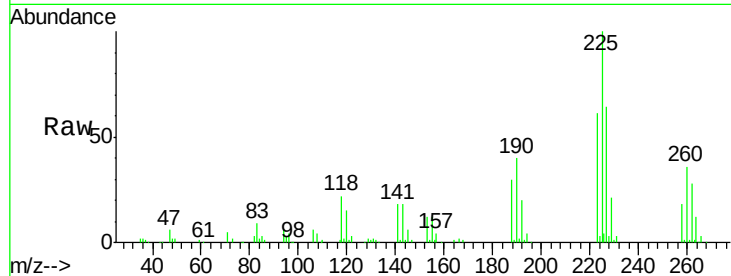
ClientSampleId :

U5-B2(0-10)CMS

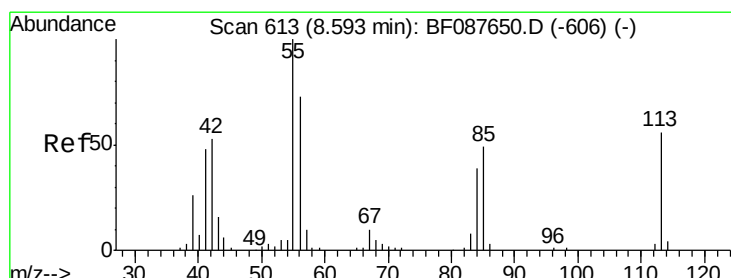
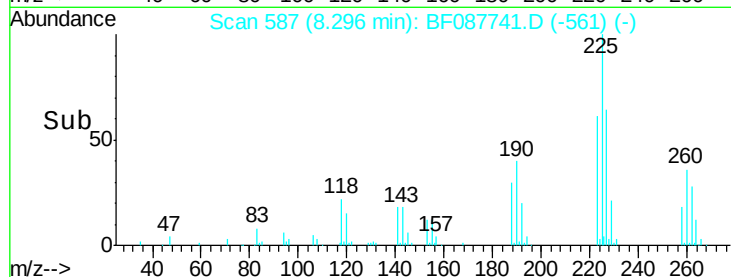
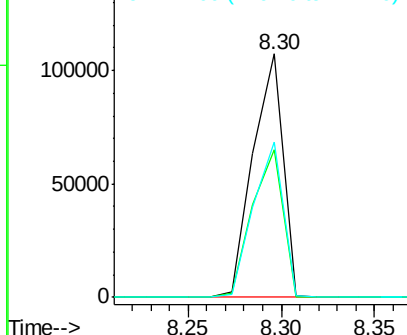
Tot Ion:	225	Resp:	119273
Ion Ratio		Lower	Upper
225	100		
223	60.9	50.9	76.3
227	63.8	51.9	77.9

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 25.93 ng

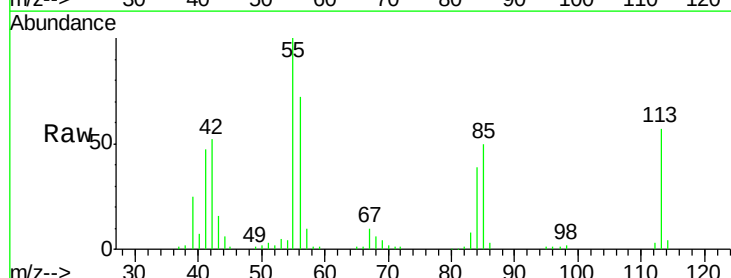
RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

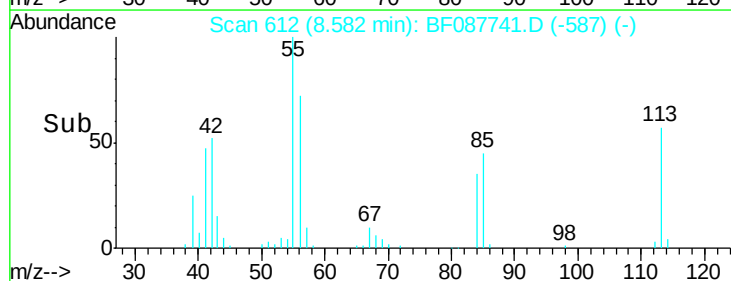
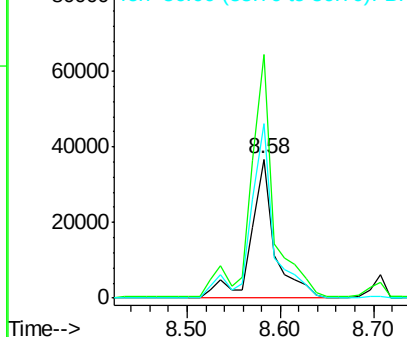
Lab File: BF087741.D

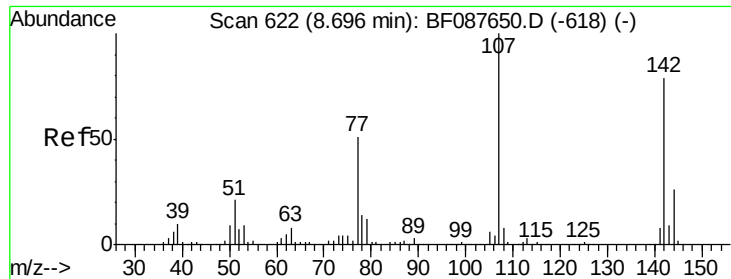
Acq: 6 Jun 2016 7:50

Tgt Ion:	113	Resp:	64031
Ion Ratio		Lower	Upper
113	100		
55	175.5	158.6	198.6
56	125.9	110.6	150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





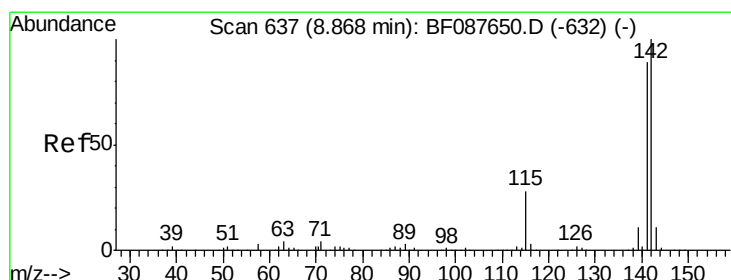
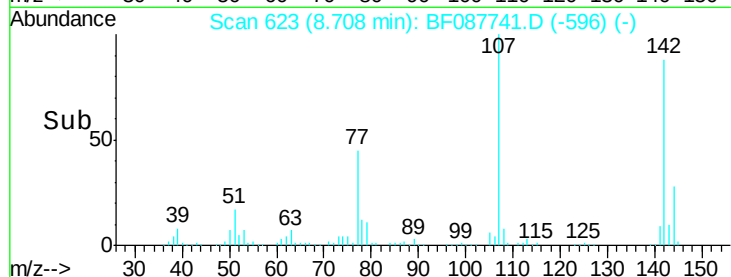
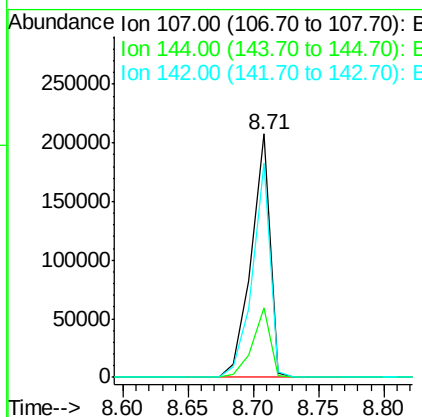
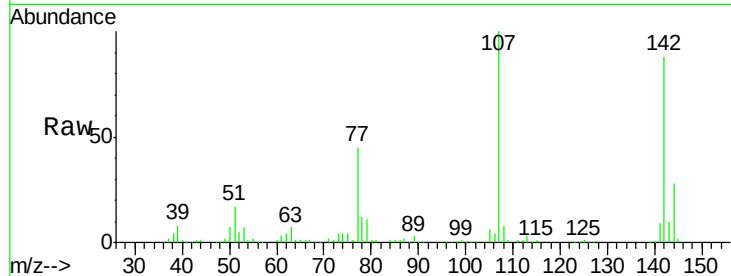
#36
 4-Chloro-3-methylphenol
 Concen: 27.13 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	211008		
144	28.4	20.8	31.2	
142	88.2	63.4	95.2	

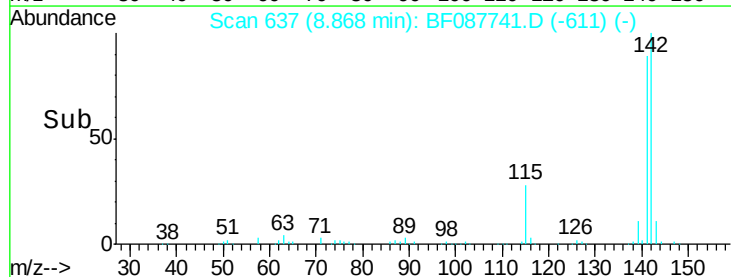
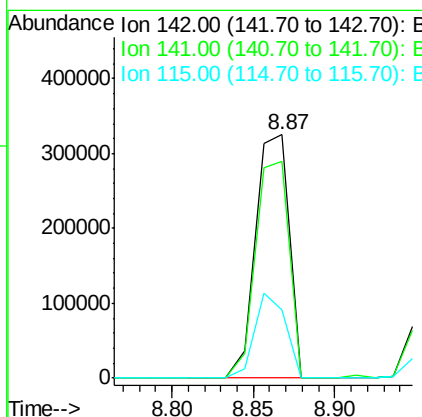
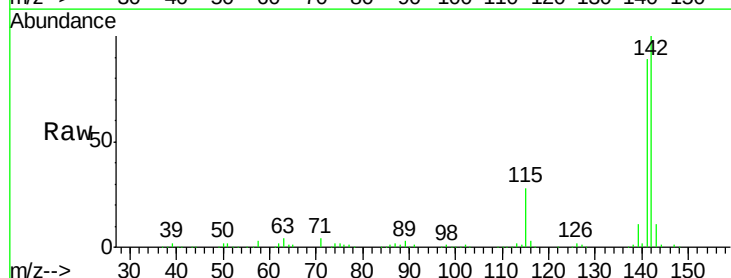
Manual Integrations
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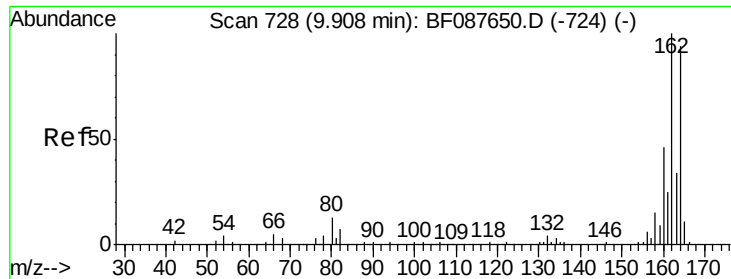
SOHIL
 6/6/2016 7:25:37 PM



#37
 2-Methylnaphthalene
 Concen: 26.38 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	465379		
141	88.9	71.0	106.6	
115	28.1	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

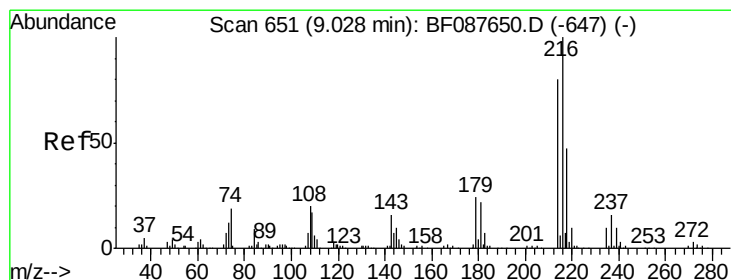
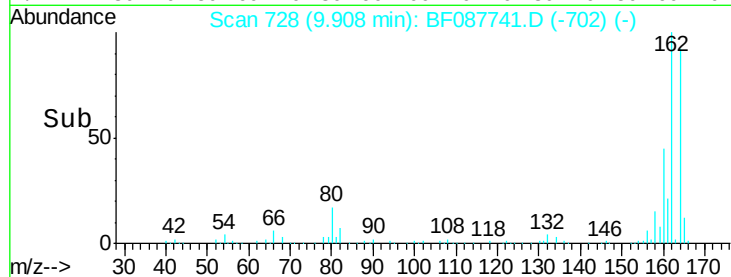
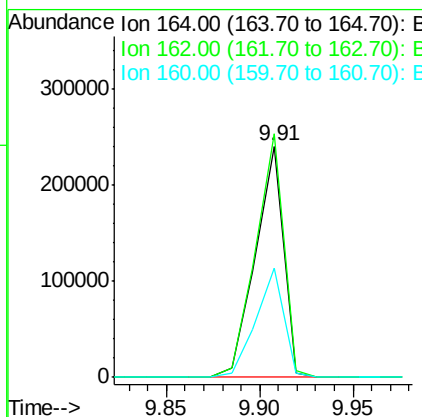
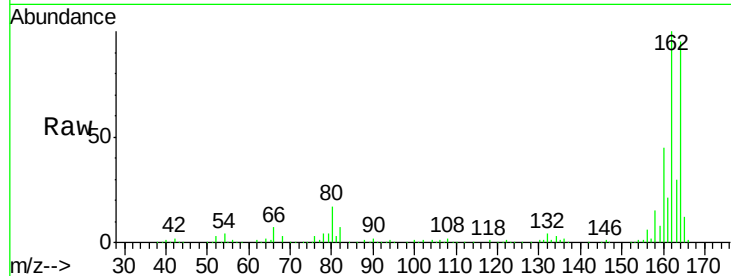
ClientSampleId :

U5-B2(0-10)CMS

Tot Ion:	164	Resp:	248541
Ion Ratio	Lower	Upper	
164	100		
162	105.4	85.4	128.2
160	47.4	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.81 ng

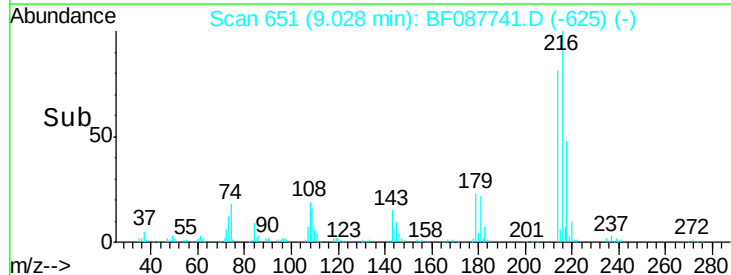
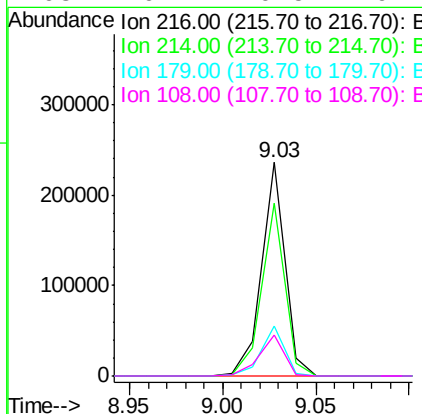
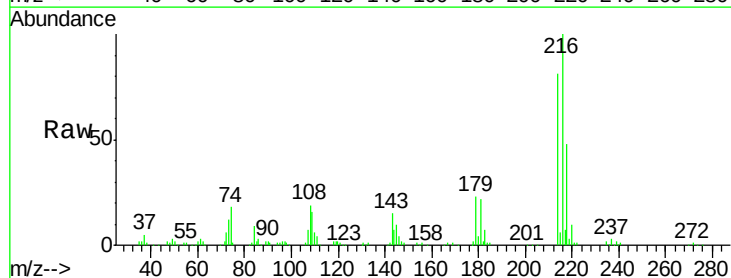
RT: 9.03 min Scan# 651

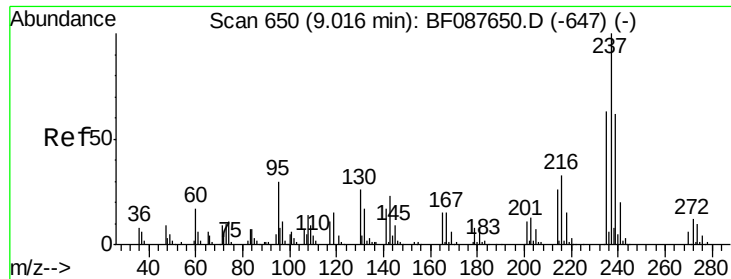
Delta R.T. 0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	216	Resp:	204220
Ion Ratio	Lower	Upper	
216	100		
214	80.1	2.9	4.3#
179	23.0	0.0	0.0#
108	20.4	0.5	0.7#





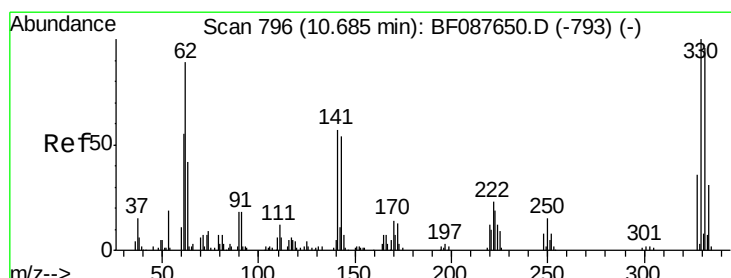
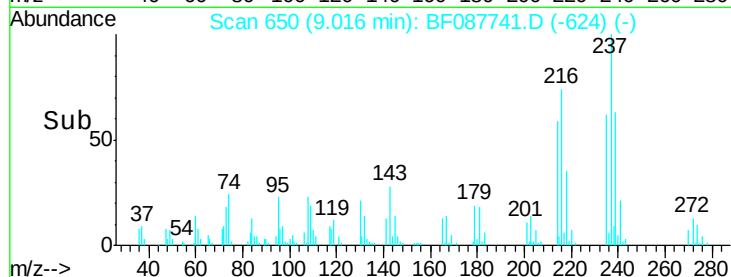
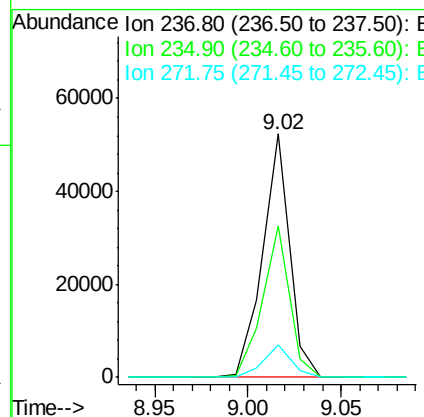
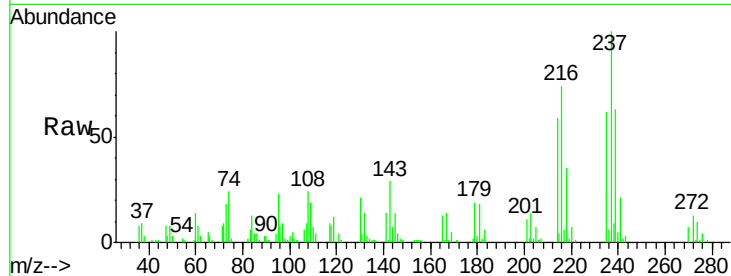
#40
Hexachlorocyclopentadiene
Concen: 13.00 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.0	43.4	83.4
272	13.3	0.0	32.3

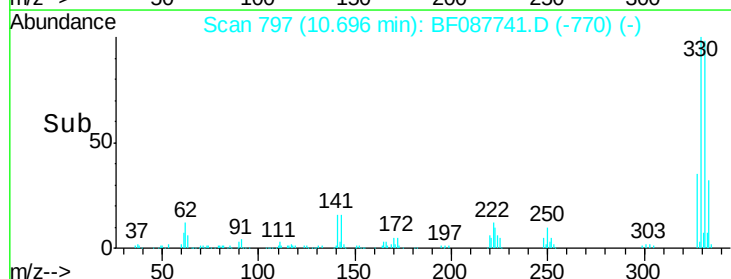
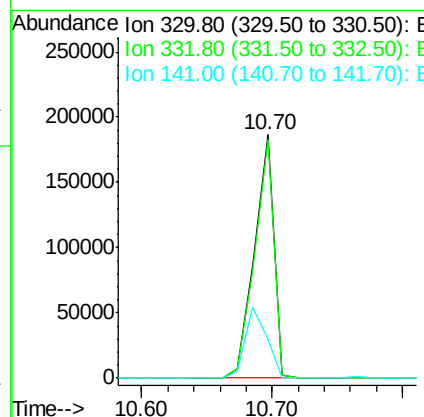
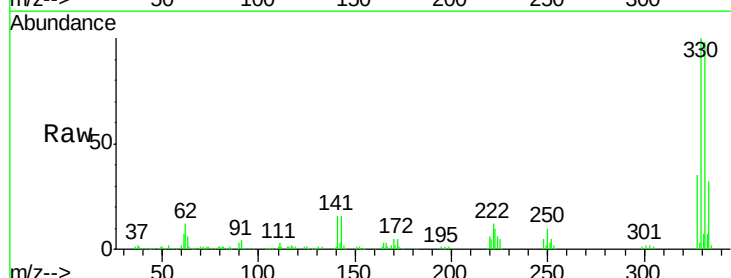
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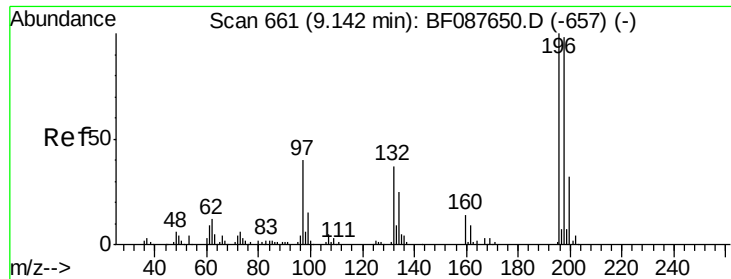
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6/6/2016 7:25:37 PM



#41
2,4,6-Tribromophenol
Concen: 77.67 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	0.0	0.0#
141	31.9	0.0	0.0#





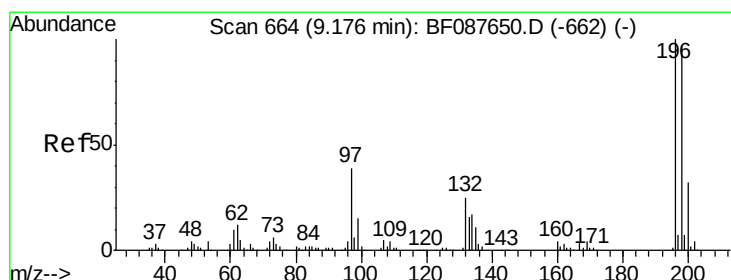
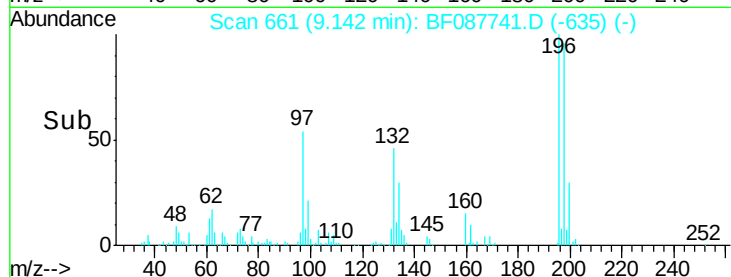
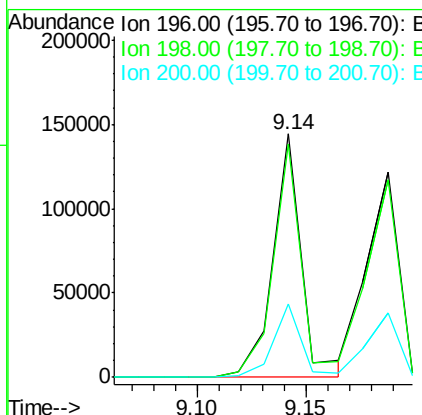
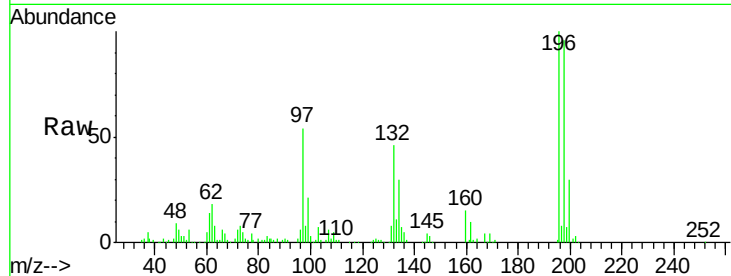
#42
 2,4,6-Trichlorophenol
 Concen: 25.75 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	133227		
198	95.7	78.0	117.0	
200	30.4	25.4	38.2	

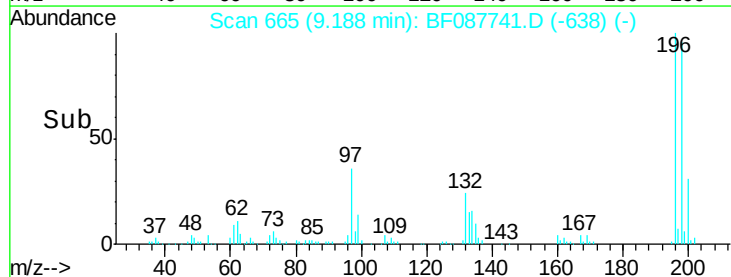
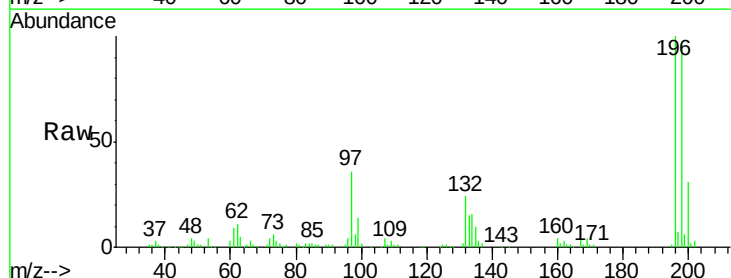
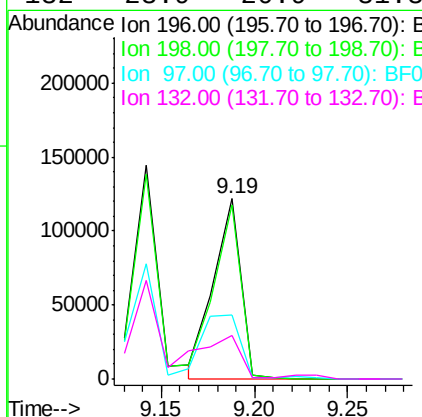
Manual Integrations
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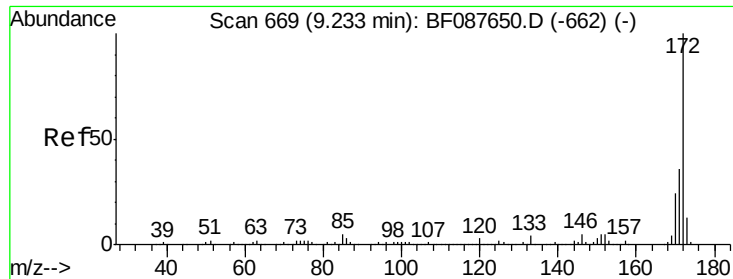
SOHIL
 6/6/2016 7:25:37 PM



#43
 2,4,5-Trichlorophenol
 Concen: 25.79 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124137		
198	96.5	77.5	116.3	
97	35.7	32.0	48.0	
132	23.9	20.9	31.3	





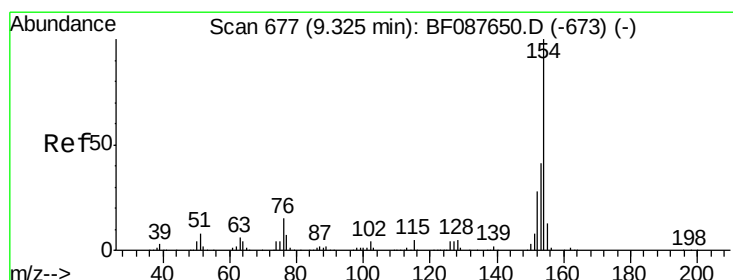
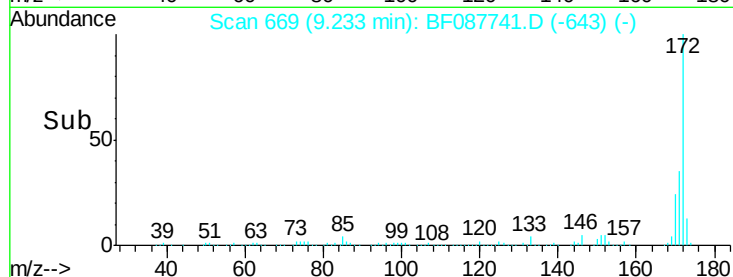
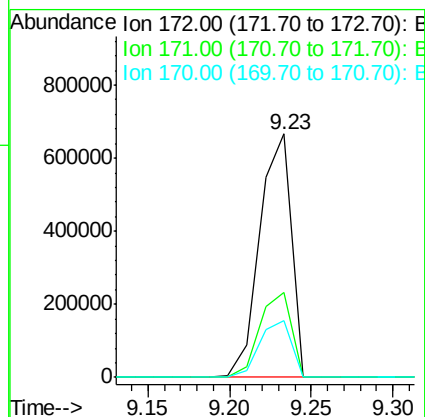
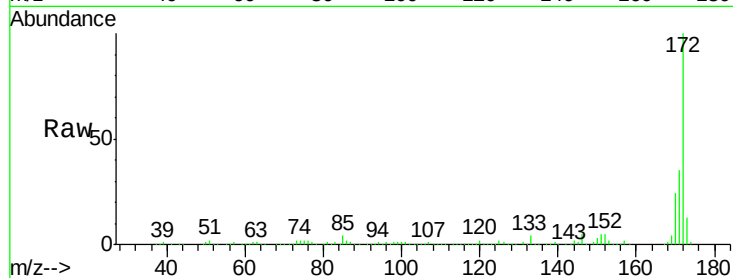
#44
2-Fluorobiphenyl
Concen: 48.68 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.1	28.6	43.0
170	23.5	19.2	28.8

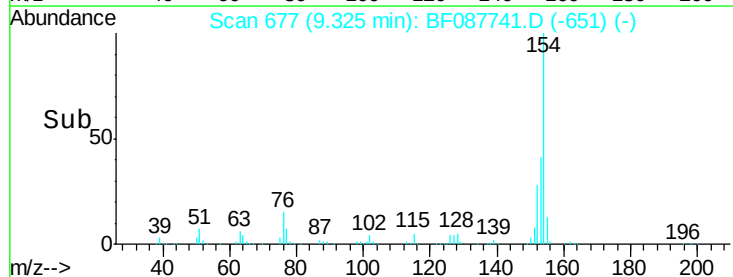
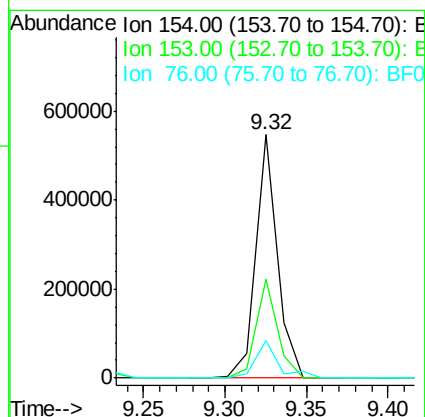
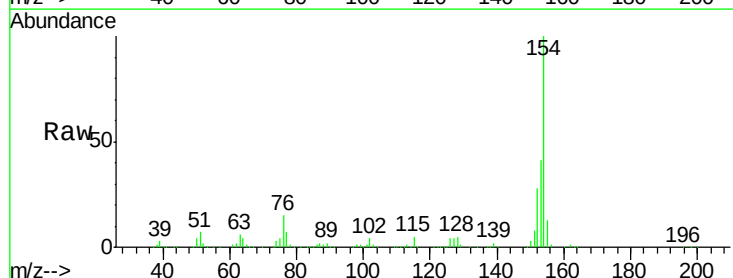
Manual Integrations
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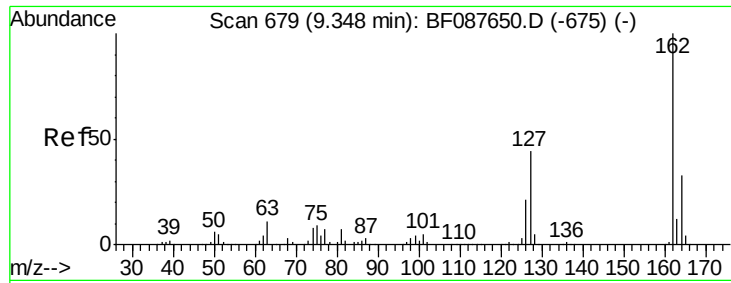
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#45
1,1'-Biphenyl
Concen: 24.94 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.9	20.6	60.6
76	15.2	0.0	35.1





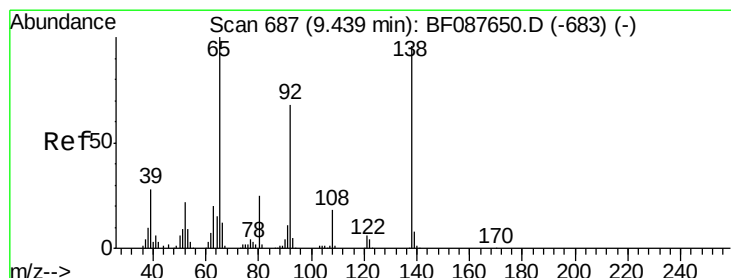
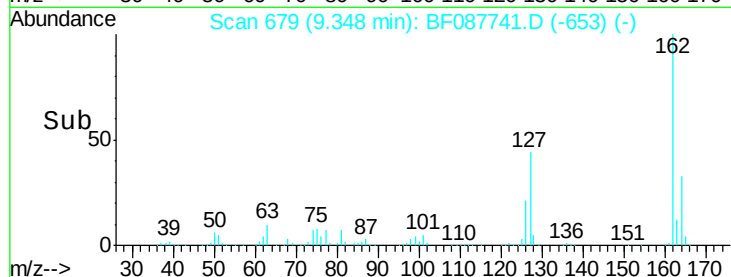
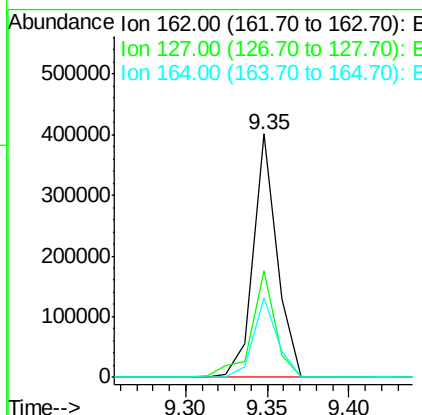
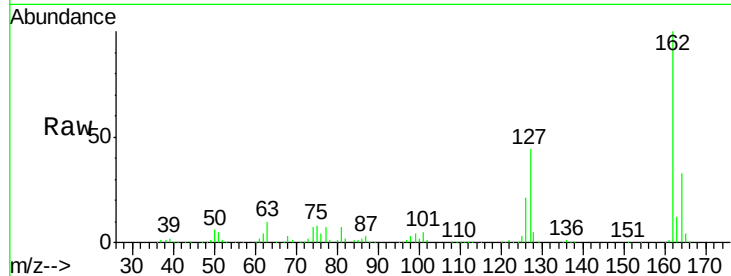
#46
 2-Chloronaphthalene
 Concen: 25.23 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	405041		
127	43.7	35.2	52.8	
164	32.7	26.6	39.8	

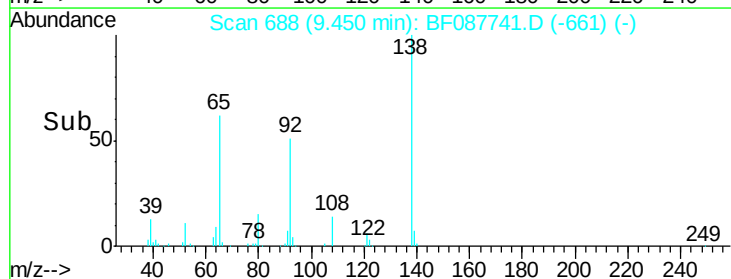
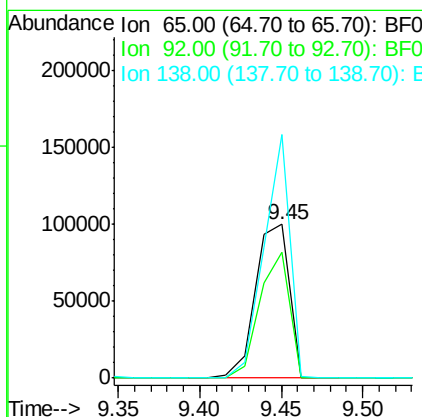
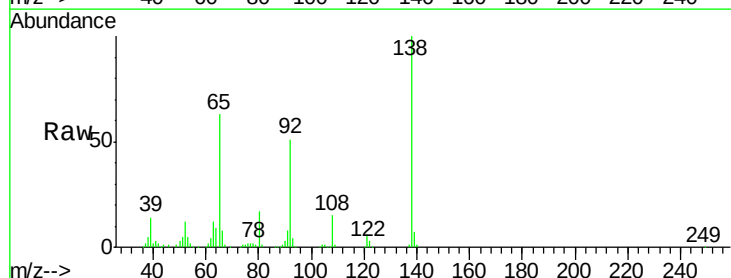
Manual Integrations
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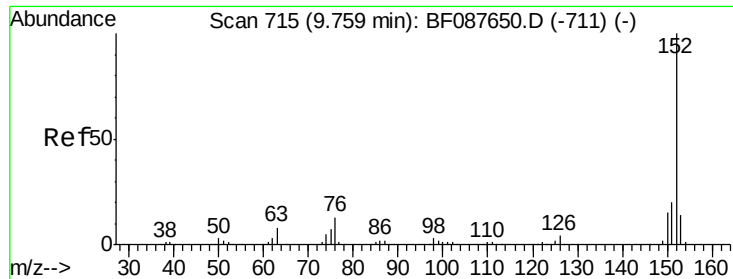
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 6/6/2016 7:25:37 PM



#47
 2-Nitroaniline
 Concen: 31.87 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	144102		
92	81.5	54.6	82.0	
138	158.4	77.0	115.4#	





#48

Acenaphthylene

Concen: 25.76 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF087741.D

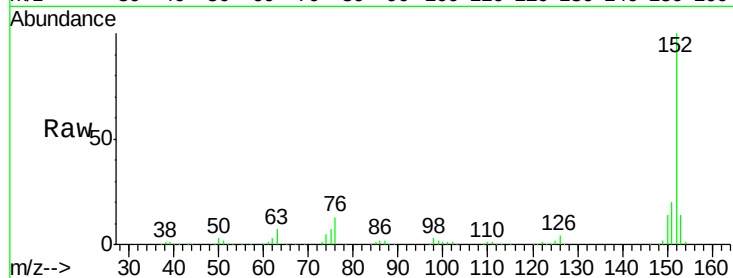
Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

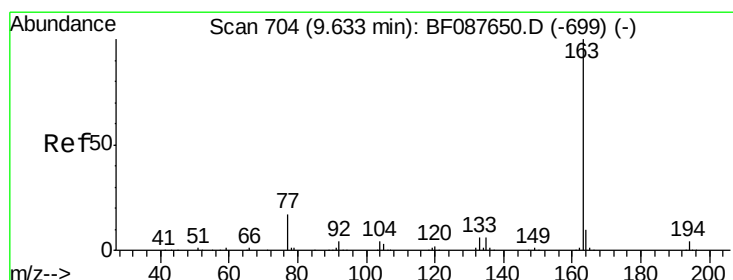
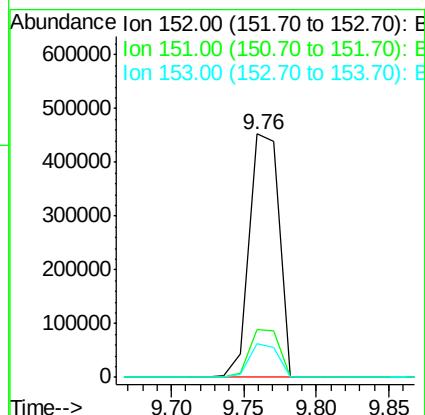
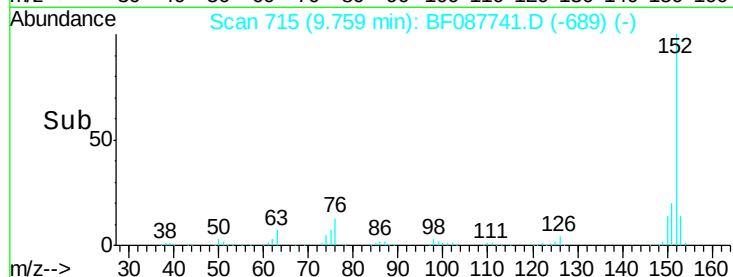
U5-B2(0-10)CMS



Tot Ion:	152	Resp:	645008
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.4
153	13.7	11.0	16.6

Manual Integrations
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#49

Dimethylphthalate

Concen: 44.81 ng

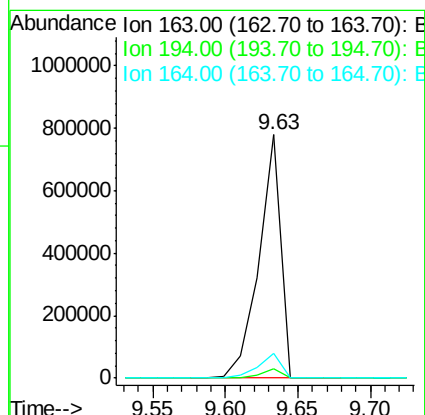
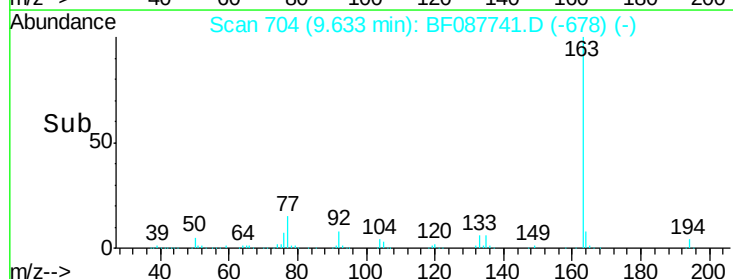
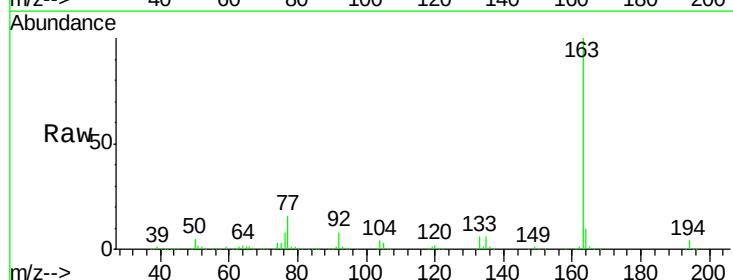
RT: 9.63 min Scan# 704

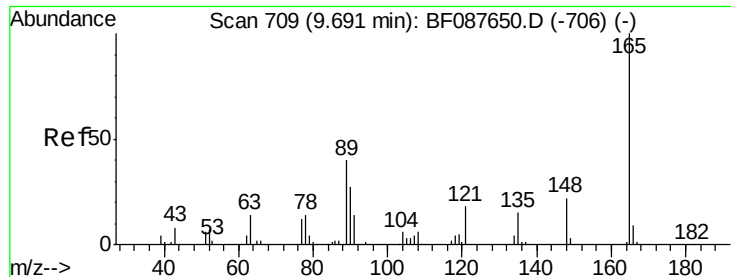
Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	163	Resp:	809613
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	10.2	8.3	12.5





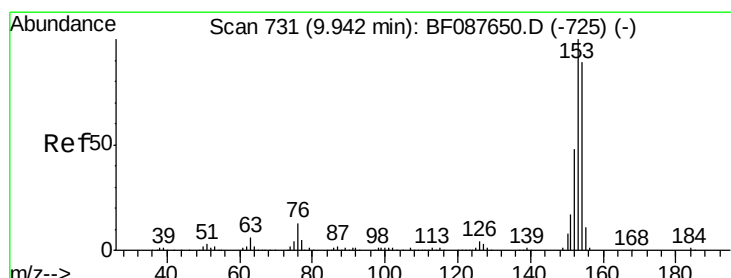
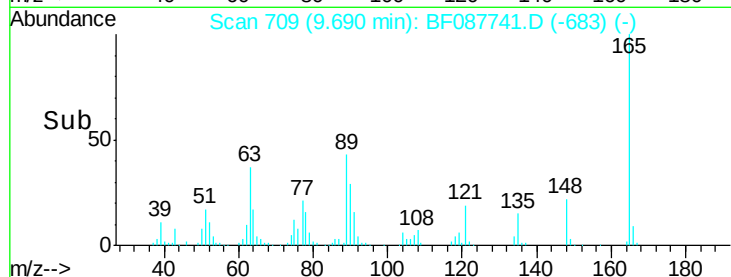
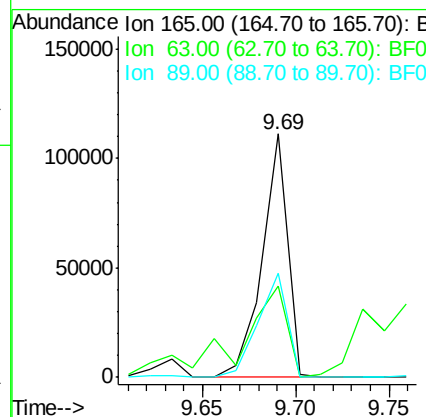
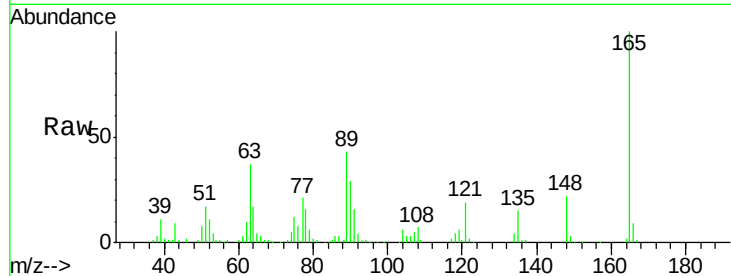
#50
2,6-Dinitrotoluene
Concen: 25.40 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		104419		
63	37.4	28.1	42.1		
89	42.9	32.2	48.2		

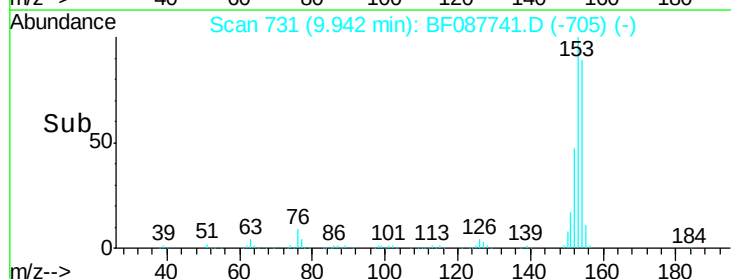
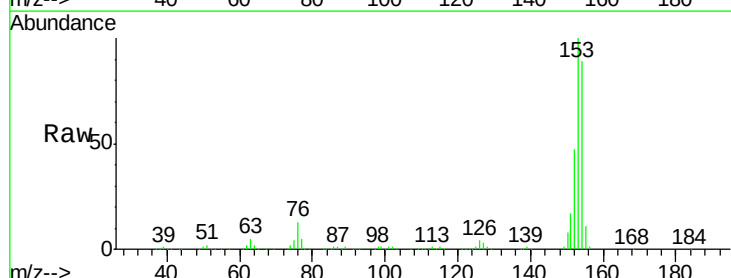
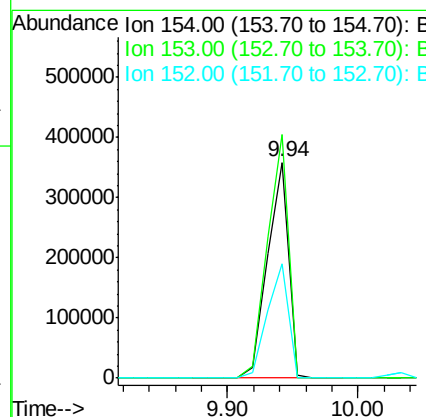
Manual Integrations
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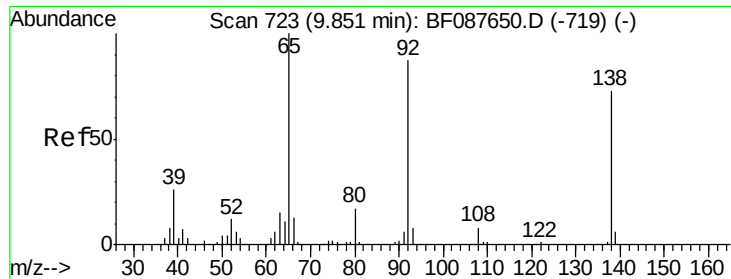
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#51
Acenaphthene
Concen: 25.12 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		404647		
153	112.7	89.5	134.3		
152	53.1	42.7	64.1		





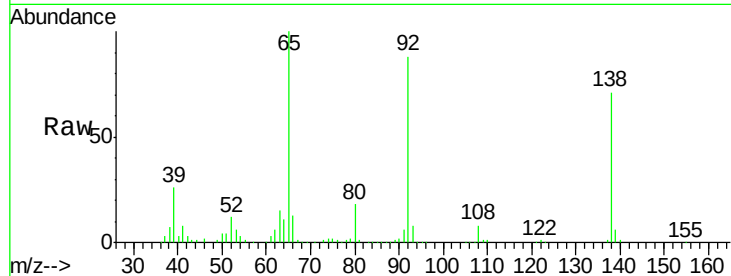
#52
 3-Nitroaniline
 Concen: 27.83 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	123.1	95.7	143.5

Manual Integrations
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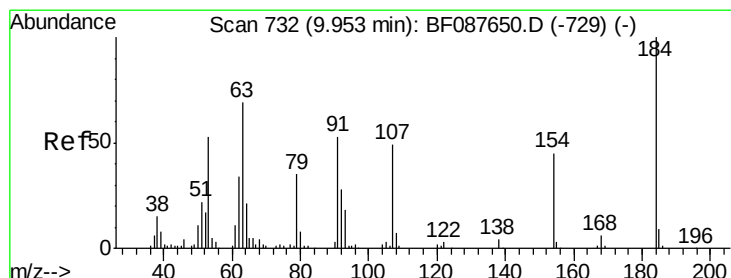
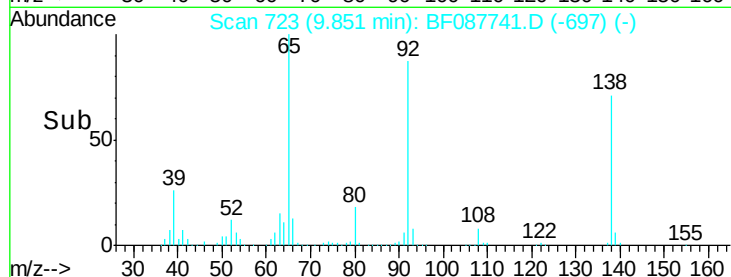
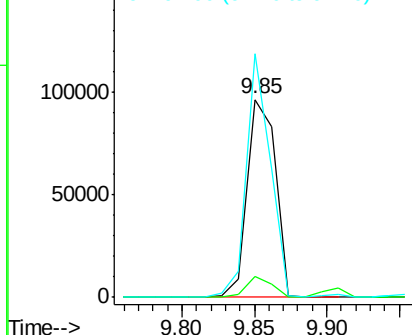


Abundance

Ion 138.00 (137.70 to 138.70): E

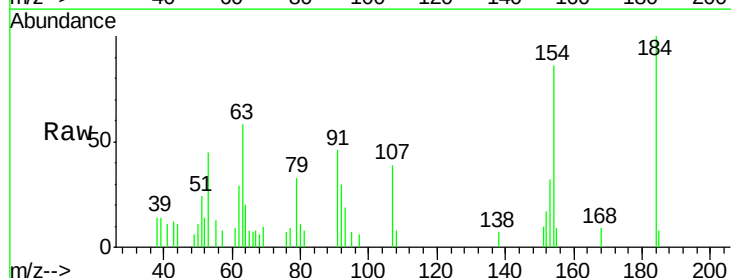
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53
 2,4-Dinitrophenol
 Concen: 6.30 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	57.6	86.4
154	86.4	53.5	80.3#

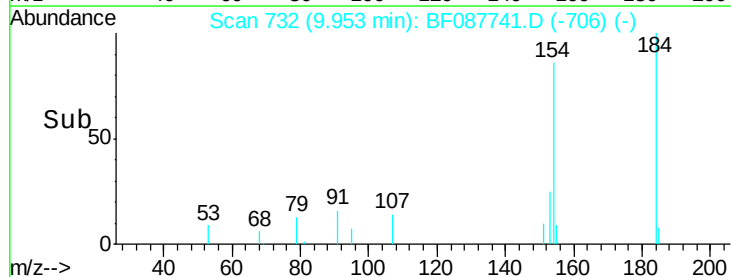
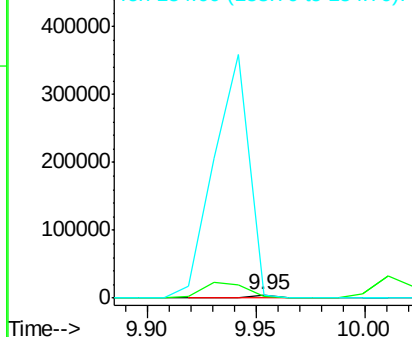


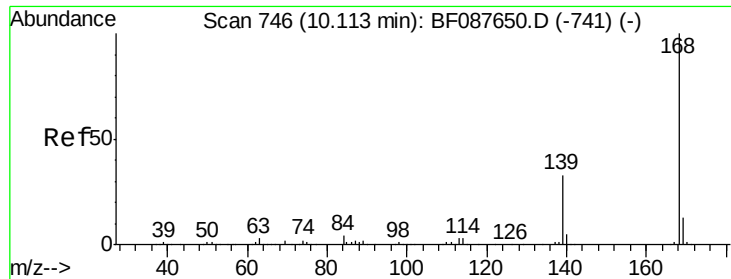
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 27.85 ng

RT: 10.11 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF087741.D

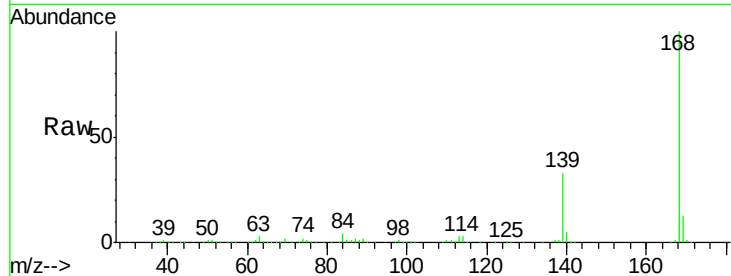
Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

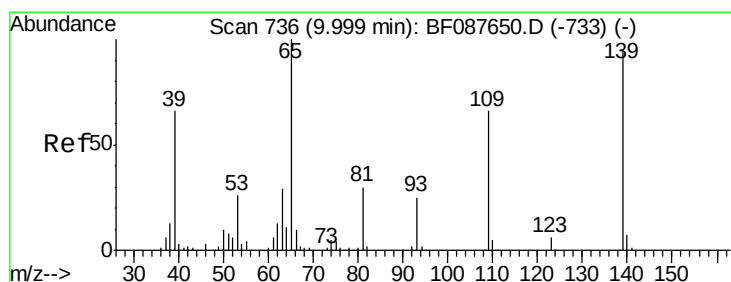
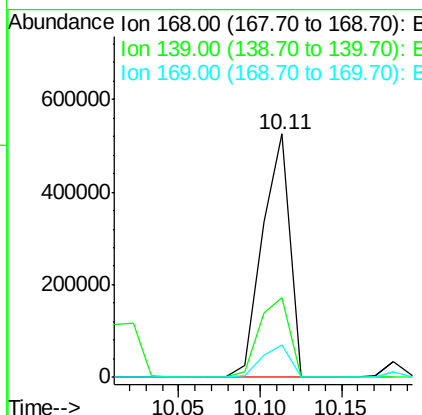
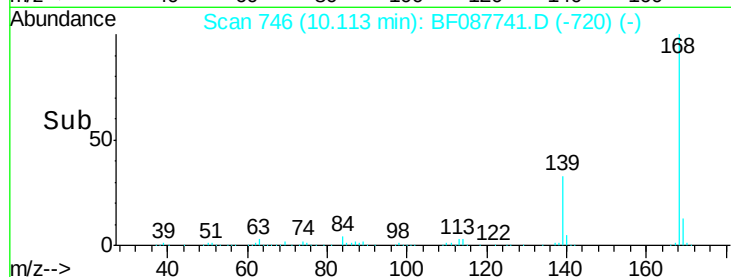
U5-B2(0-10)CMS



Tot Ion	168	Resp	610856
Ion Ratio	Lower	Upper	
168	100		
139	33.0	26.4	39.6
169	13.3	10.4	15.6

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#55

4-Nitrophenol

Concen: 43.43 ng

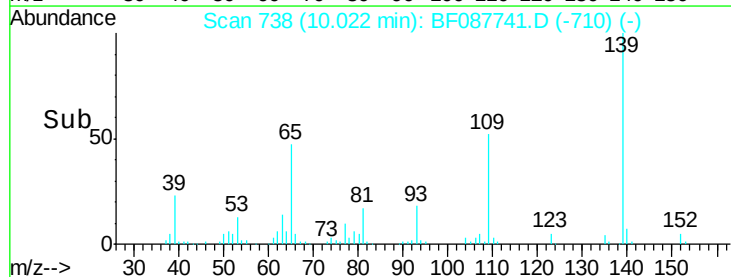
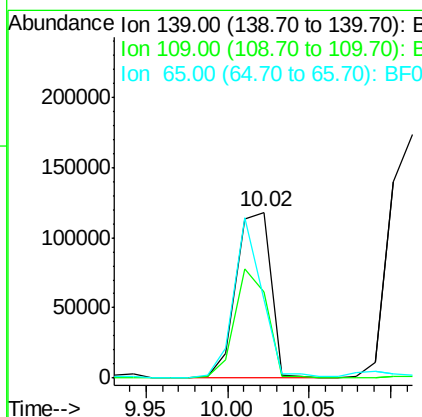
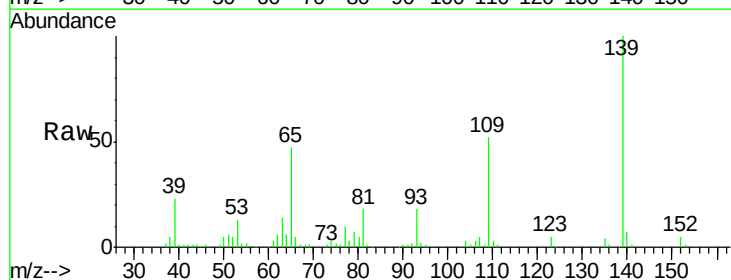
RT: 10.02 min Scan# 738

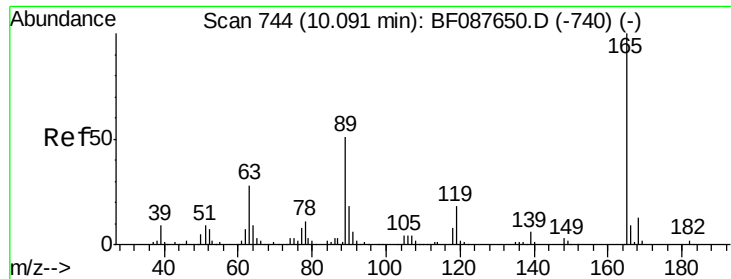
Delta R.T. 0.02 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion	139	Resp	174532
Ion Ratio	Lower	Upper	
139	100		
109	51.7	48.9	88.9
65	47.3	84.9	124.9#





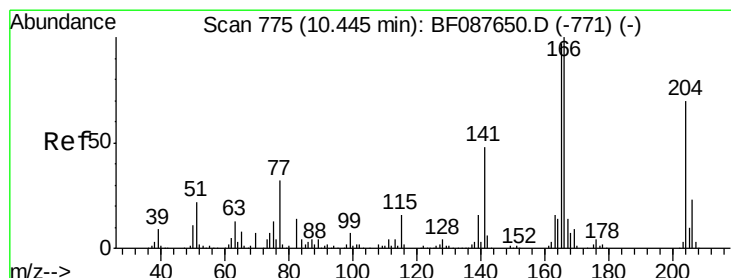
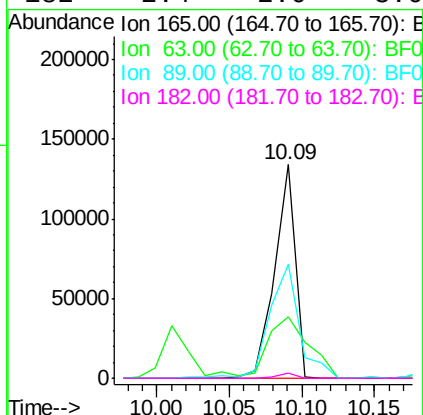
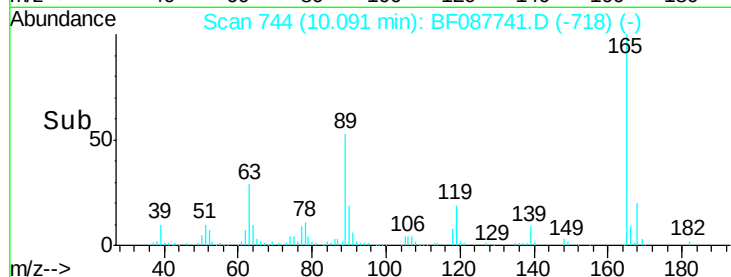
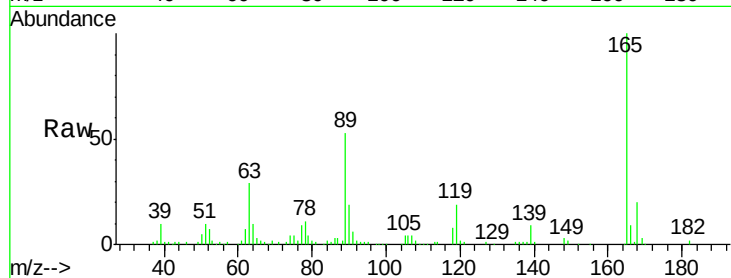
#56
2,4-Dinitrotoluene
Concen: 25.32 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		132575		
63	29.0	22.0	33.0		
89	53.3	41.1	61.7		
182	2.4	2.0	3.0		

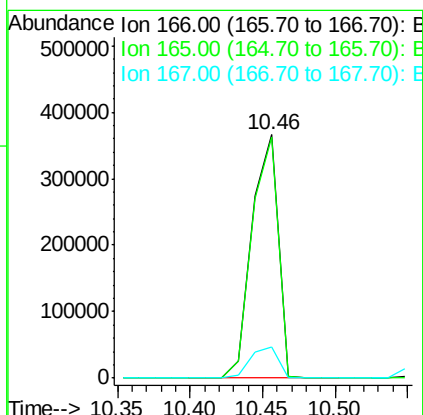
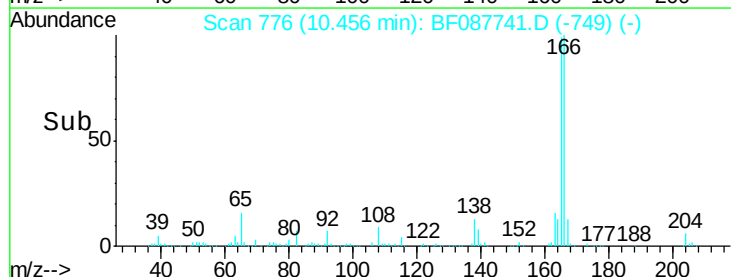
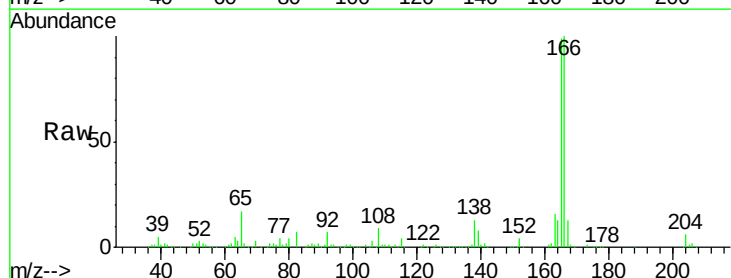
Manual Integrations
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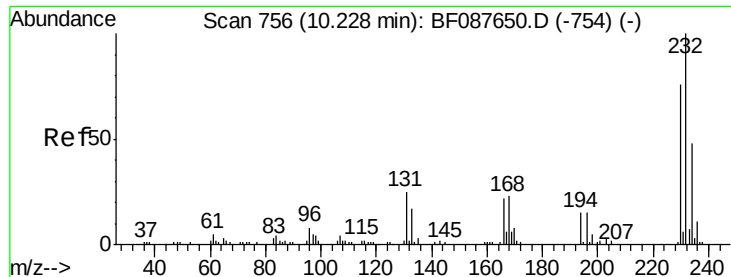
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#57
Fluorene
Concen: 26.81 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		459715		
165	99.1	77.8	116.8		
167	12.9	11.2	16.8		





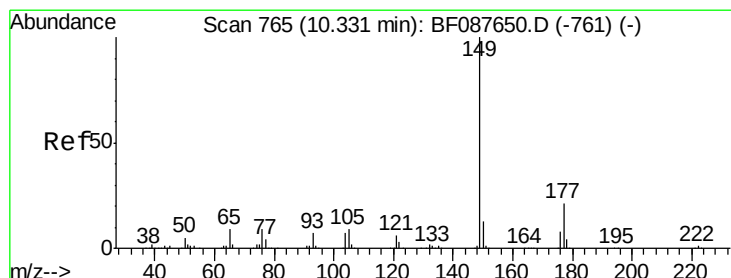
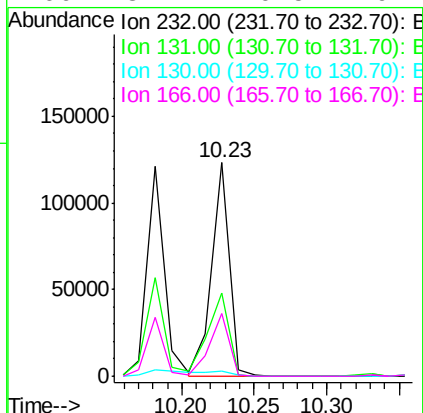
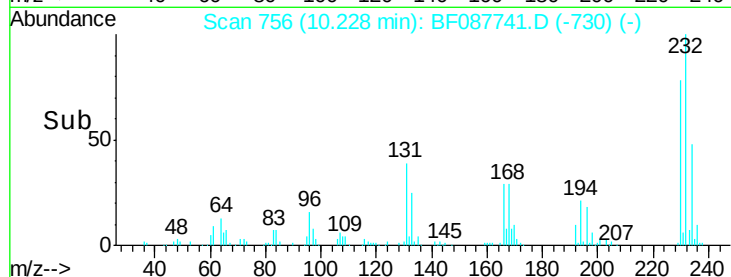
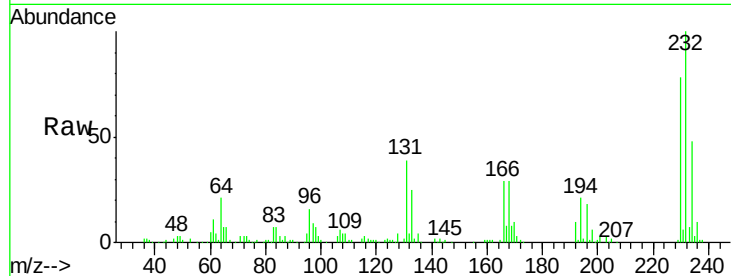
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.28 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	46.7	0.9	1.3#
130	0.0	1.5	2.3#
166	32.1	0.5	0.7#

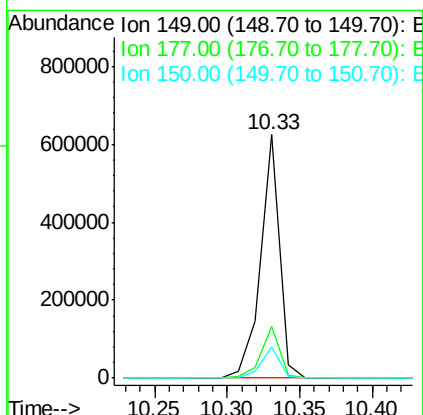
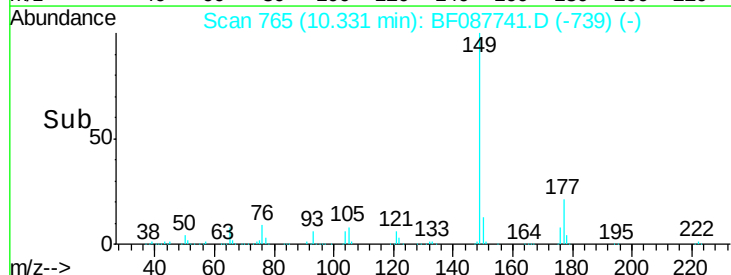
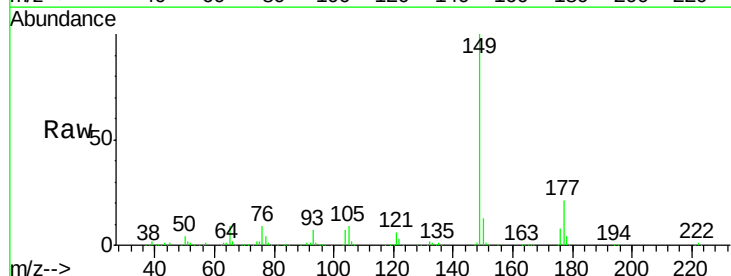
Manual Integrations
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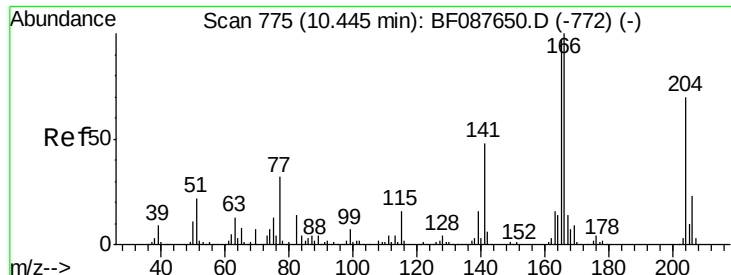
SOHIL
 6/6/2016 7:25:37 PM



#59
 Diethylphthalate
 Concen: 31.10 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.1	16.9	25.3
150	12.6	10.1	15.1





#60

4-Chlorophenyl-phenylether

Concen: 26.01 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

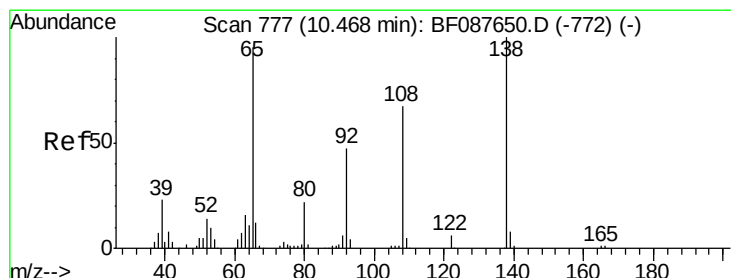
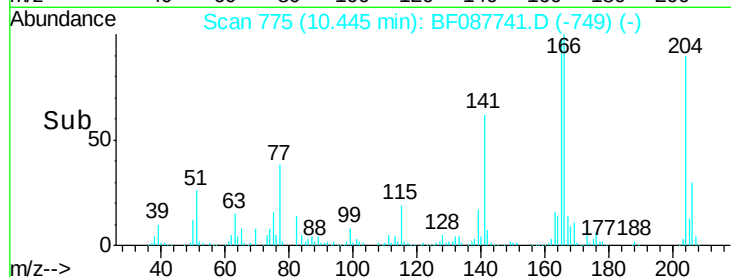
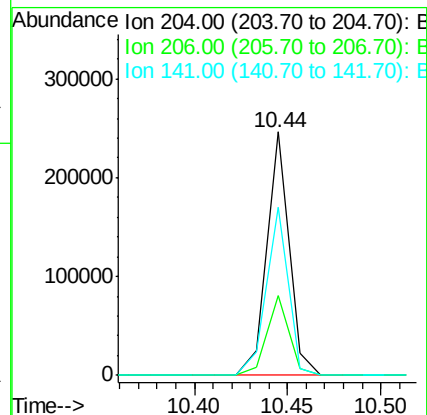
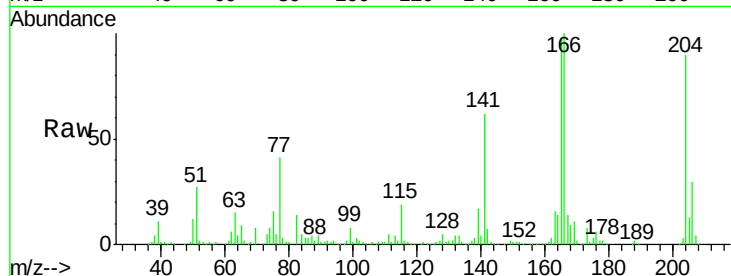
ClientSampleId :

U5-B2(0-10)CMS

Tot Ion:	204	Resp:	201967
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.3	39.5
141	69.0	55.0	82.6

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#61

4-Nitroaniline

Concen: 31.33 ng

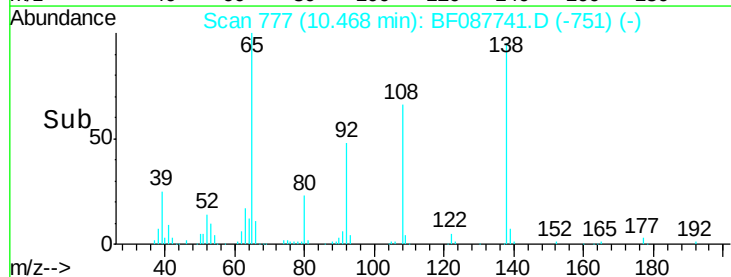
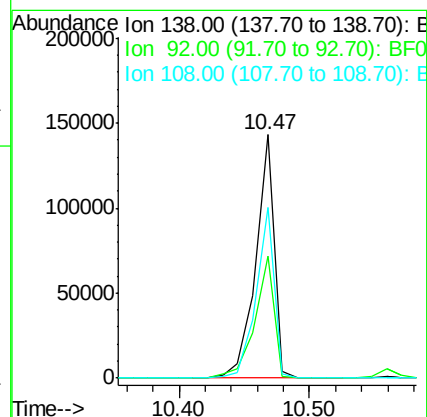
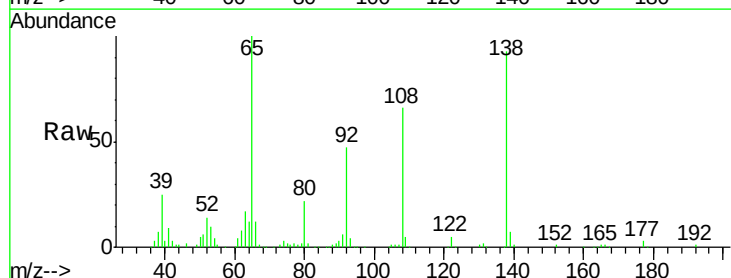
RT: 10.47 min Scan# 777

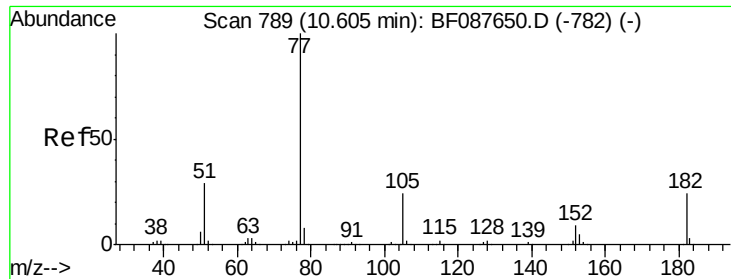
Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	138	Resp:	141620
Ion Ratio	Lower	Upper	
138	100		
92	50.0	27.3	67.3
108	70.1	46.7	86.7





#62

Azobenzene

Concen: 29.29 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

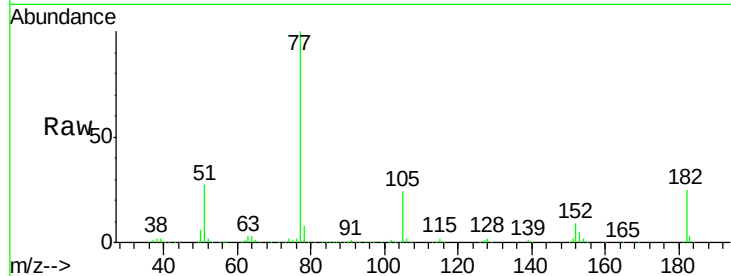
ClientSampleId :

U5-B2(0-10)CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		534995		
182	25.1	4.4	44.4		
105	24.1	3.8	43.8		
51	27.4	9.3	49.3		

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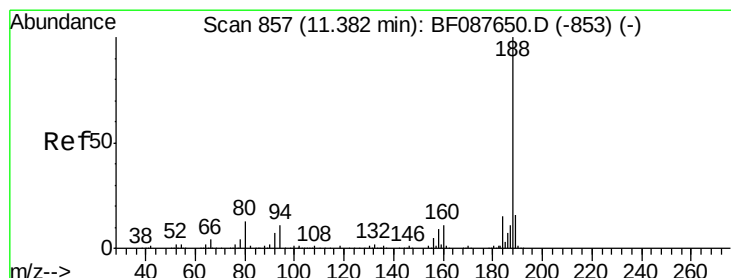
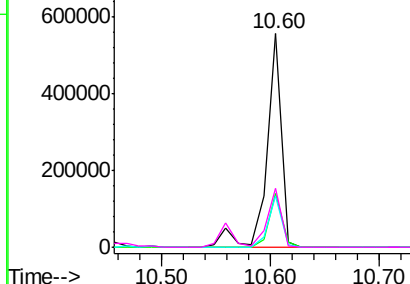
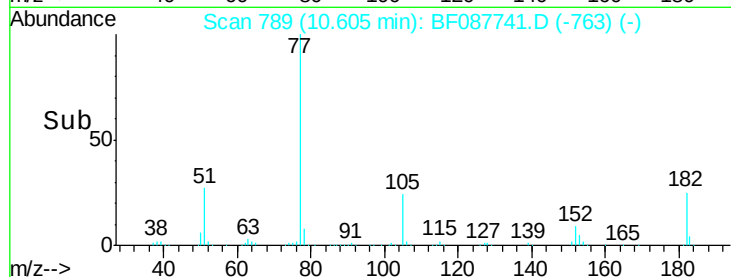


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

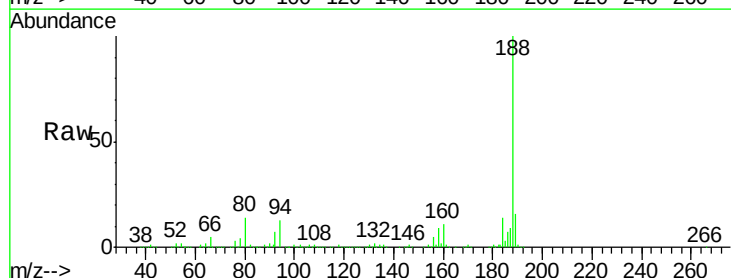
RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

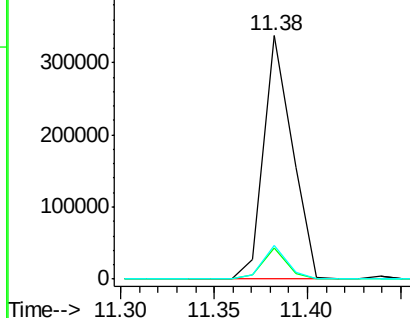
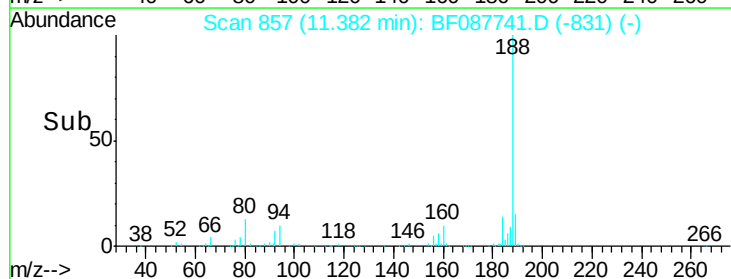
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		358637		
94	12.6	9.0	13.6		
80	13.6	10.0	15.0		

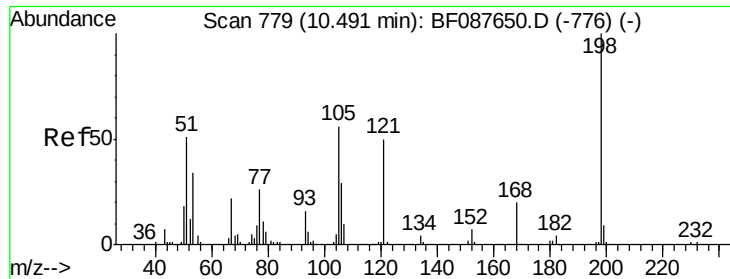


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





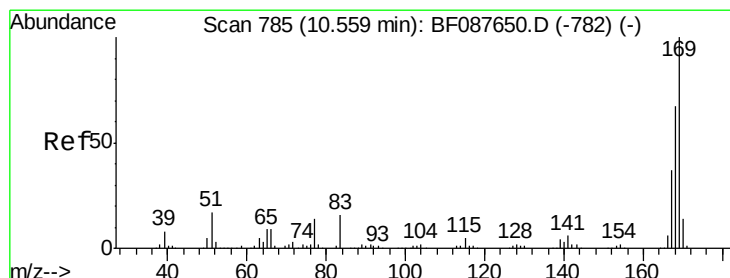
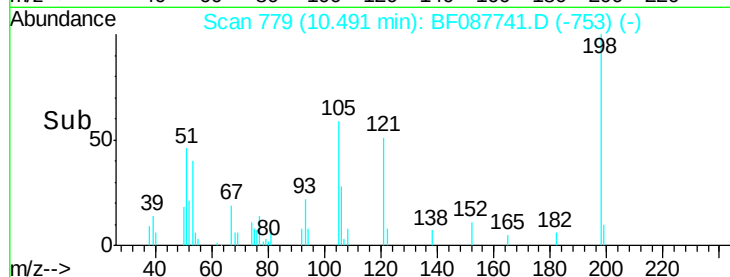
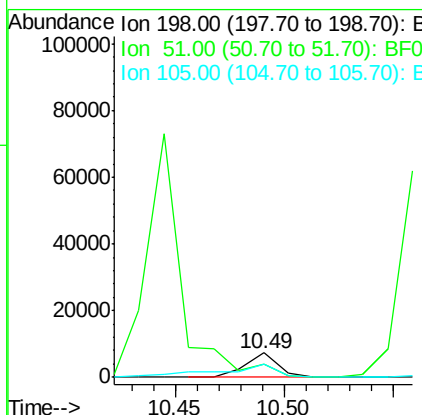
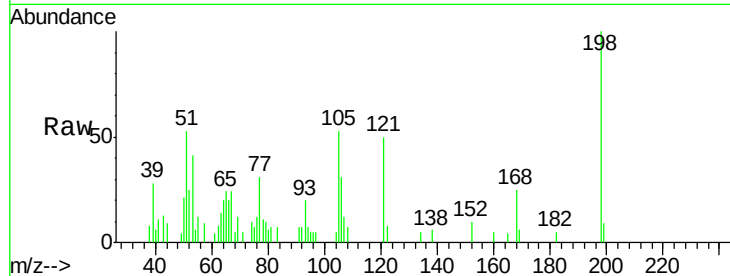
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.73 ng
 RT: 10.49 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	7725		
51	53.2		39.6	79.6
105	53.1		36.6	76.6

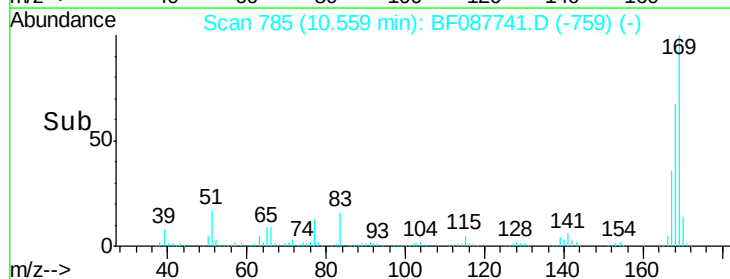
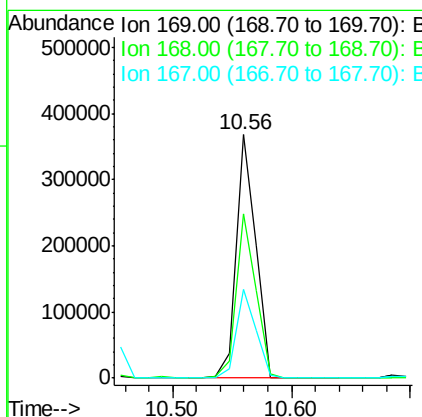
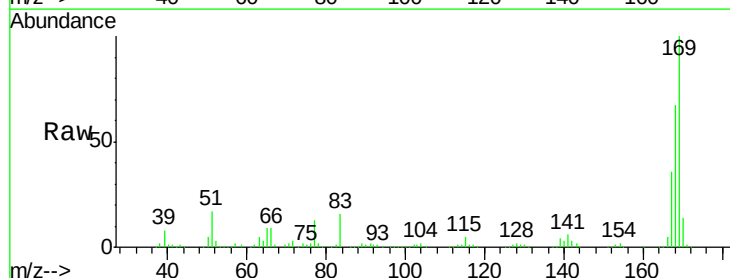
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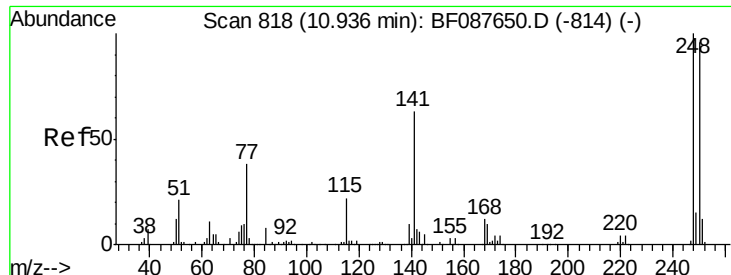
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#65
 n-Nitrosodiphenylamine
 Concen: 35.72 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	419561		
168	67.4		53.4	80.0
167	36.5		29.4	44.0





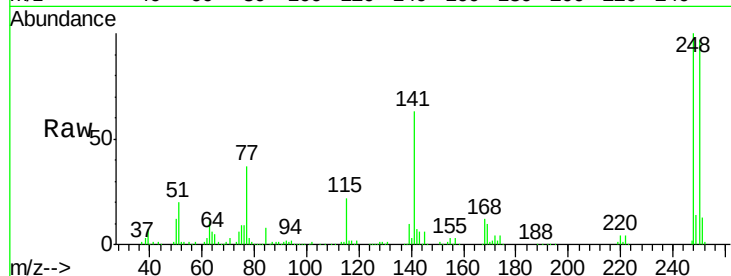
#66
4-Bromophenyl-phenylether
Concen: 39.59 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

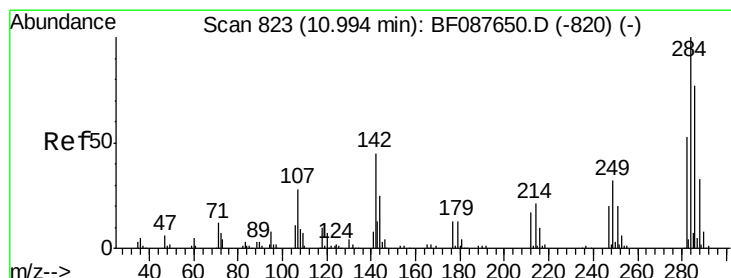
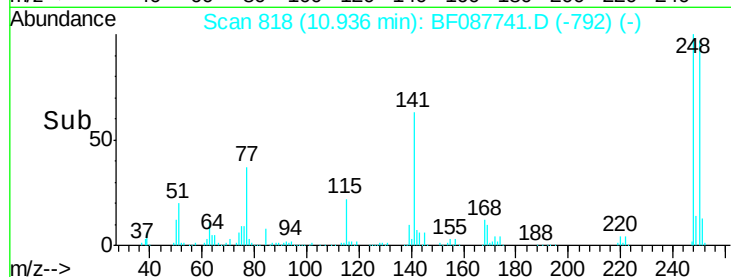
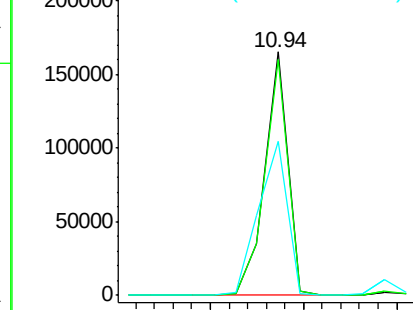
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.1	115.7
141	63.3	50.6	76.0

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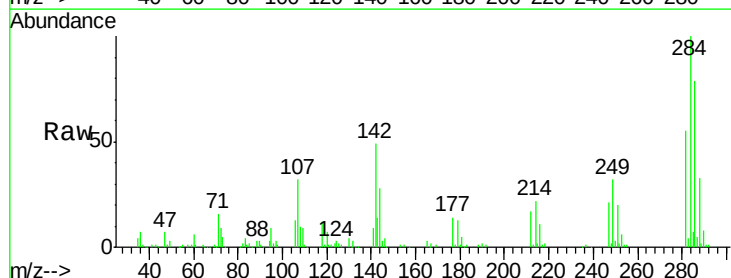


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

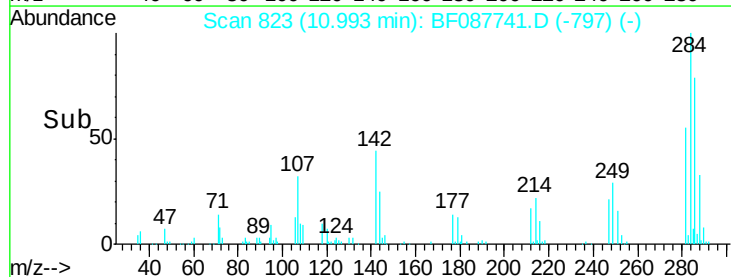
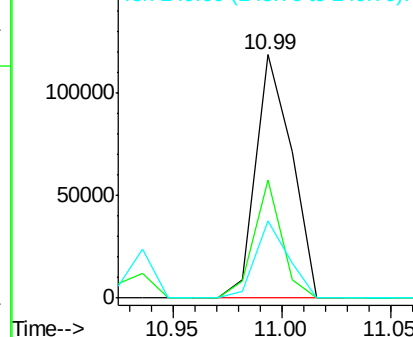


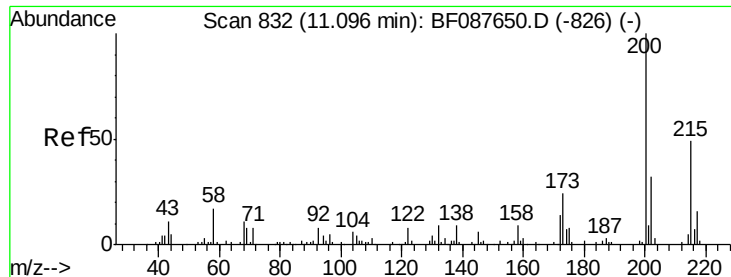
#67
Hexachlorobenzene
Concen: 34.31 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	48.7	35.8	53.8
249	31.6	25.8	38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





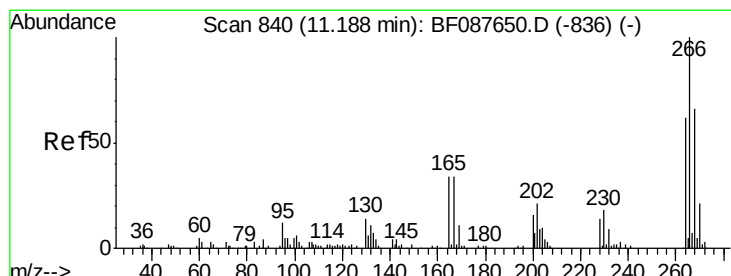
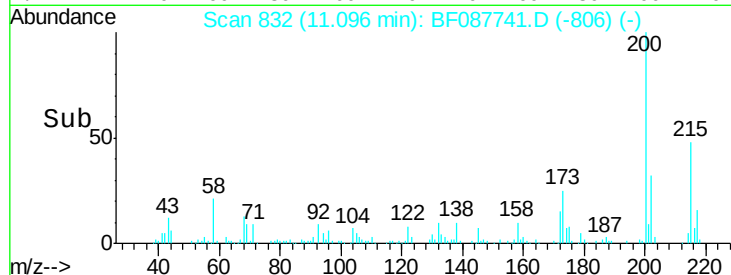
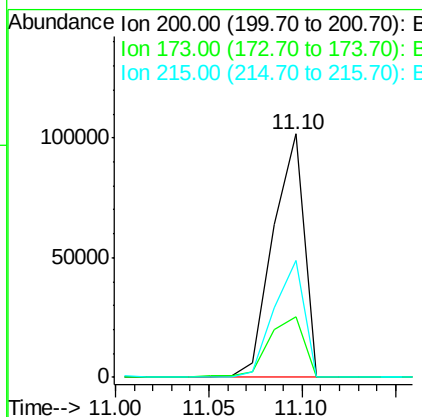
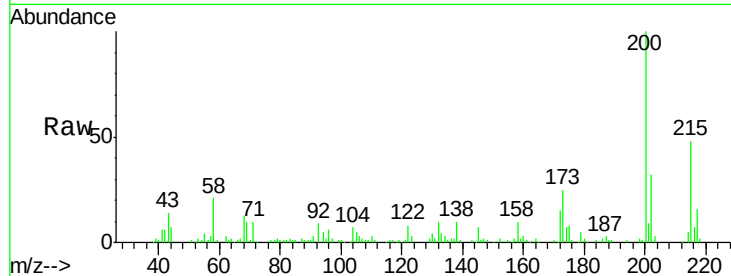
#68
Atrazine
Concen: 33.92 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	4.0	44.0
215	48.0	29.3	69.3

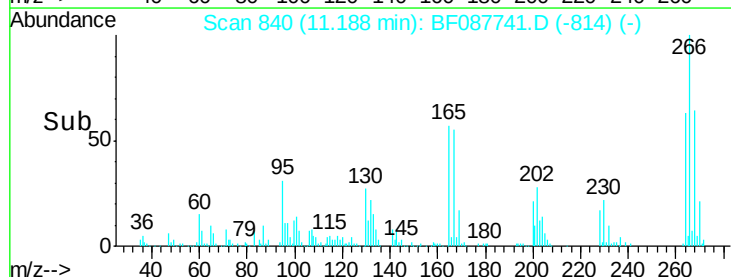
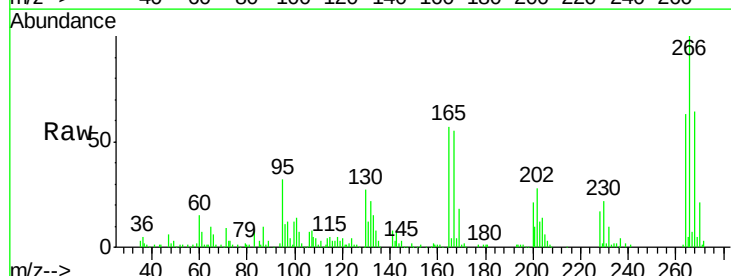
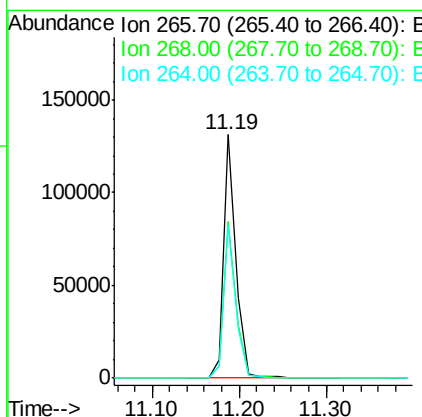
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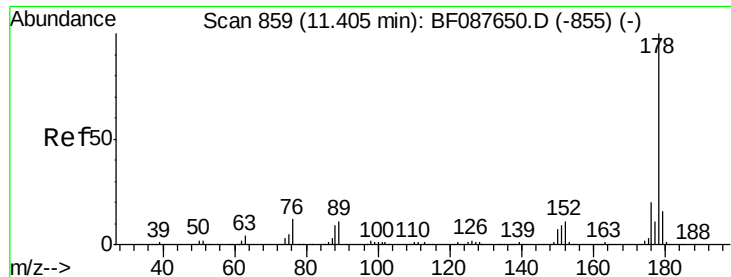
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#69
Pentachlorophenol
Concen: 55.65 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	52.8	79.2
264	62.9	49.6	74.4





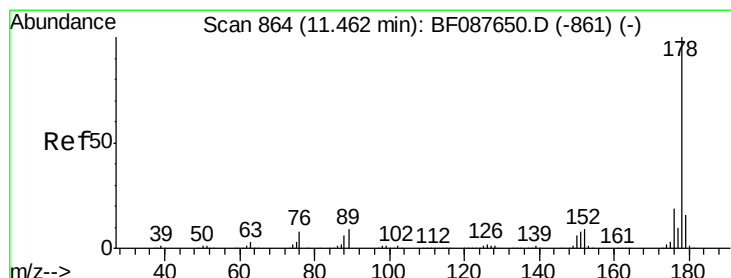
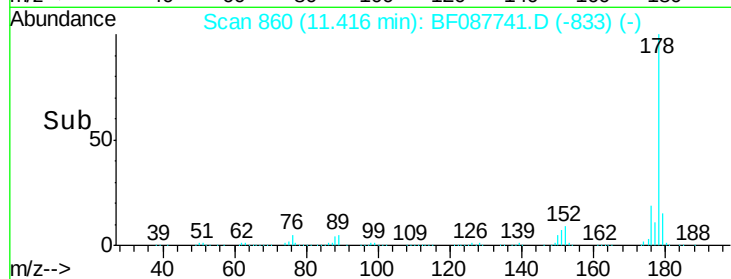
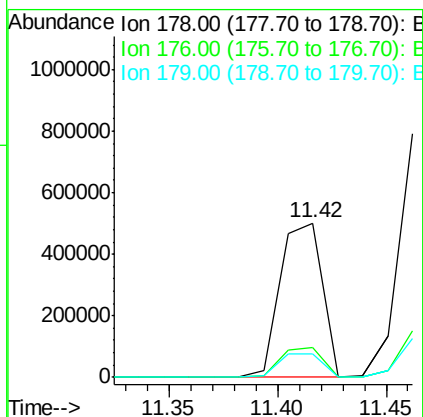
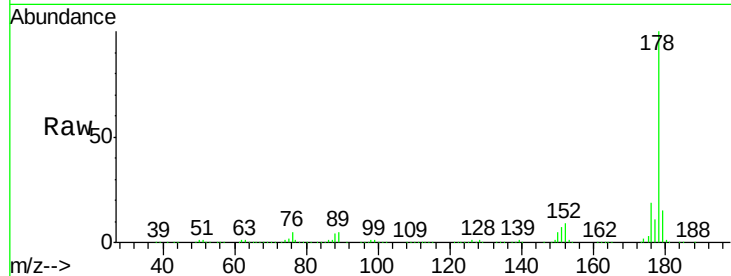
#70
 Phenanthrene
 Concen: 35.13 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.0	13.0	19.4

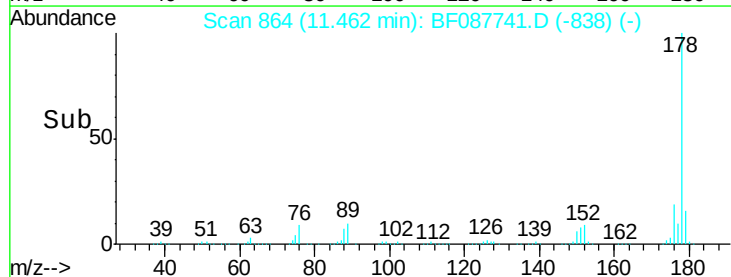
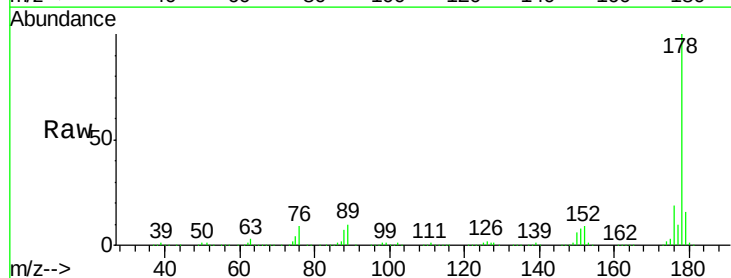
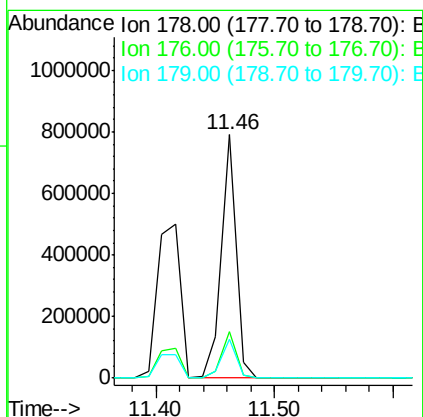
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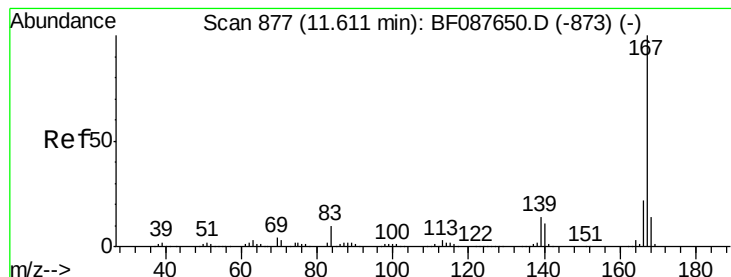
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#71
 Anthracene
 Concen: 34.75 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.9	12.8	19.2





#72

Carbazole

Concen: 34.34 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

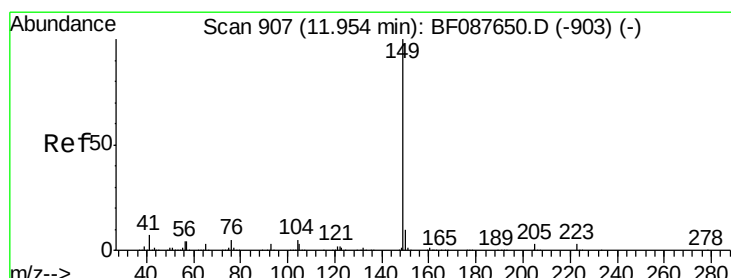
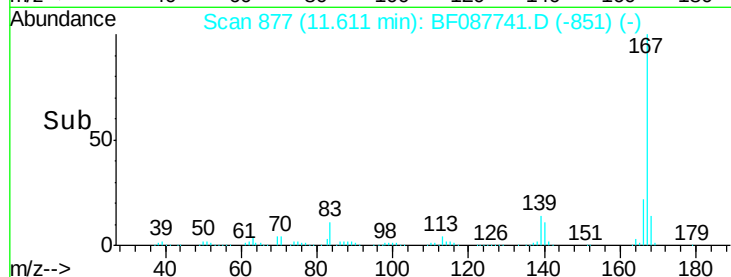
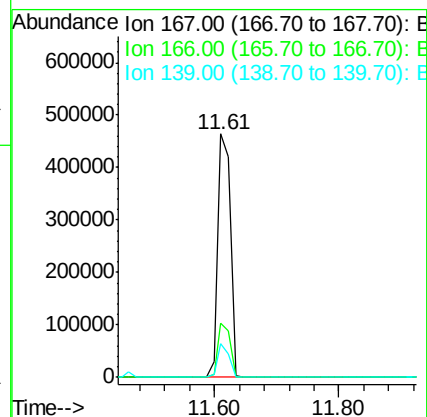
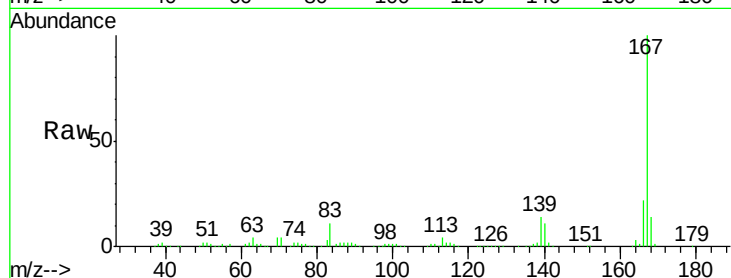
ClientSampleId :

U5-B2(0-10)CMS

Tot Ion:	167	Resp:	633437
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.6
139	14.0	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 40.80 ng

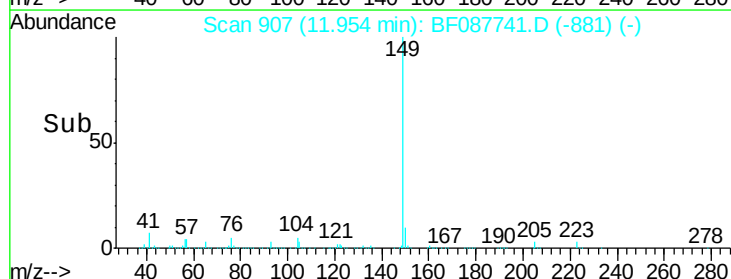
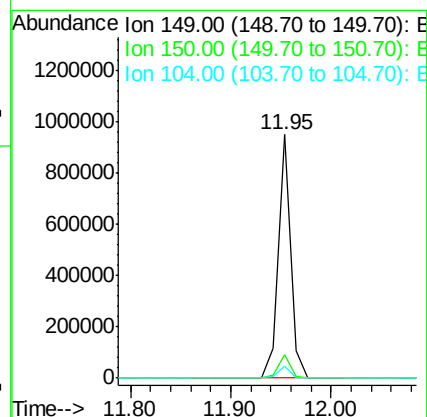
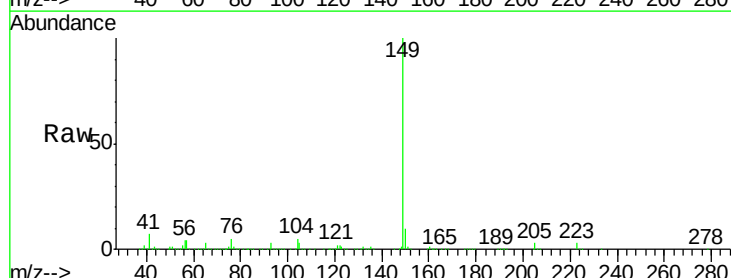
RT: 11.95 min Scan# 907

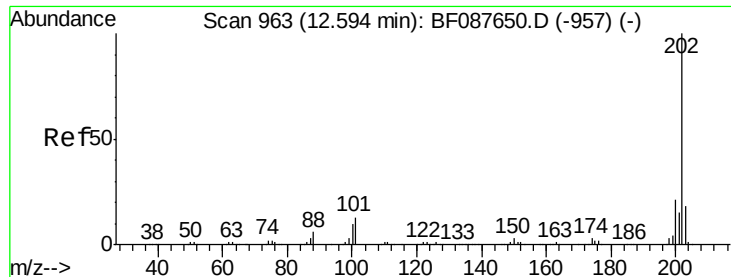
Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	149	Resp:	806829
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.9	4.0	6.0





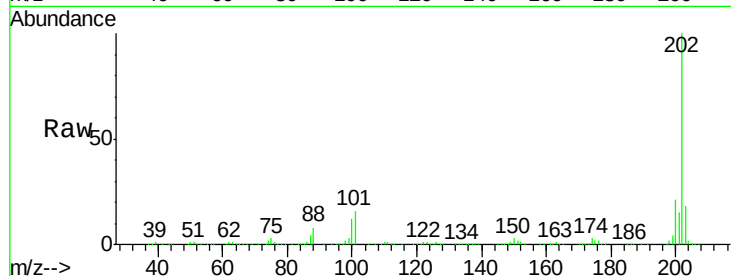
#74
Fluoranthene
 Concen: 36.57 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

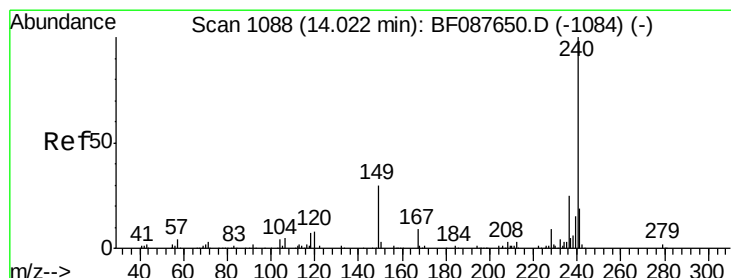
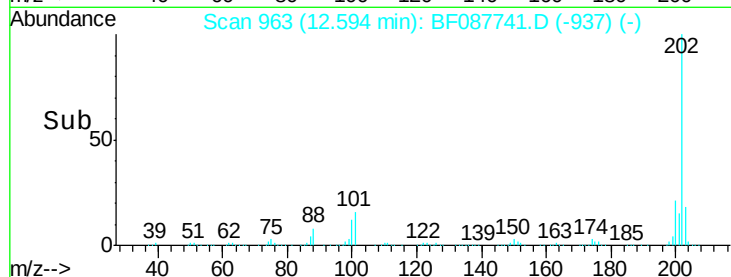
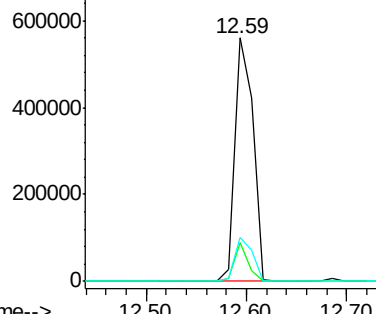
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.1	0.0	33.1
203	18.2	0.0	38.1

Manual Integrations
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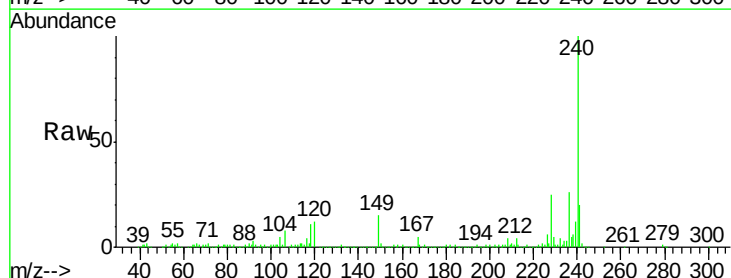


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

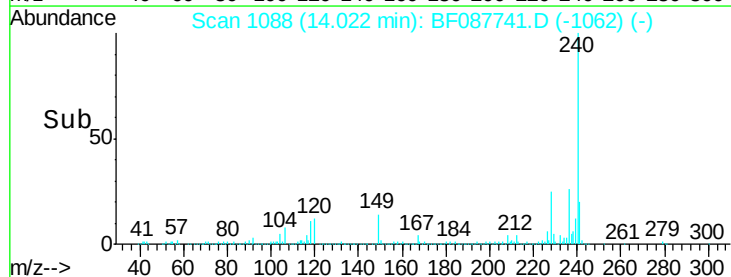
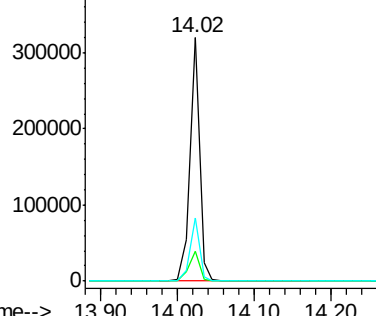


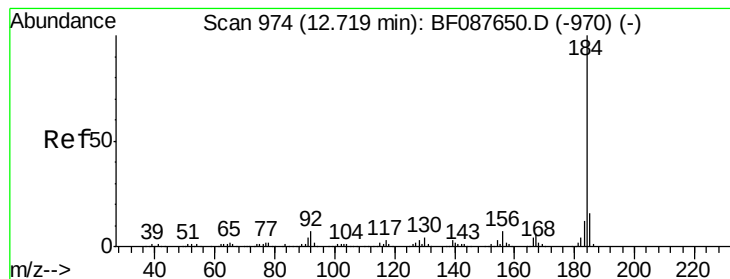
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	6.8	10.2#
236	26.0	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 14.83 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

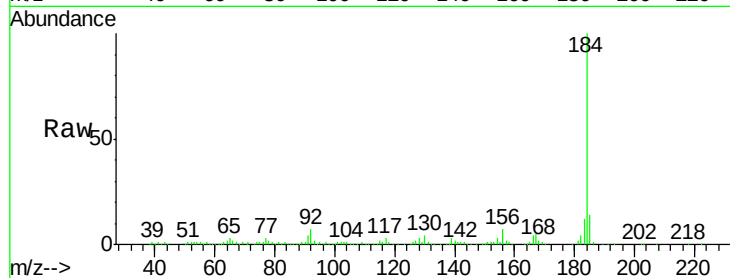
ClientSampleId :

U5-B2(0-10)CMS

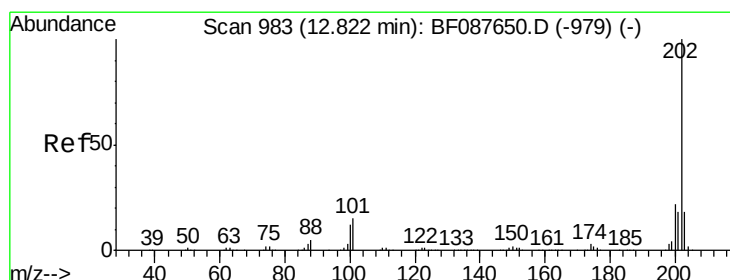
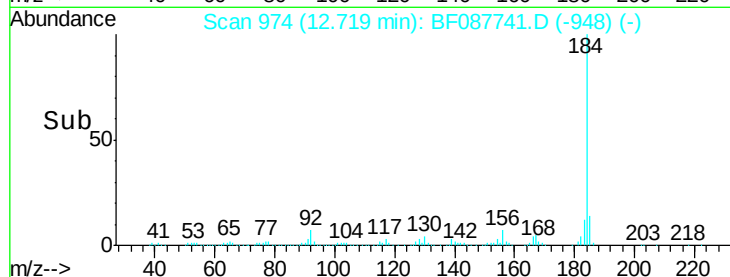
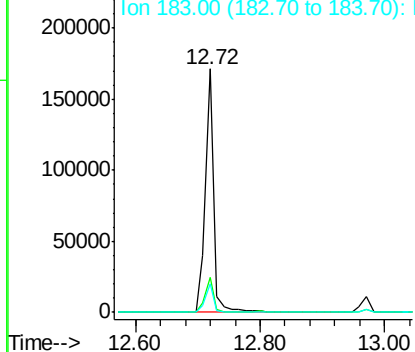
Tot Ion:	184	Resp:	163027
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.5	18.7
183	11.6	9.3	13.9

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 33.02 ng

RT: 12.82 min Scan# 983

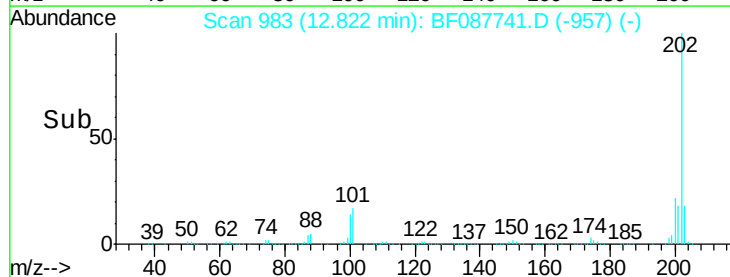
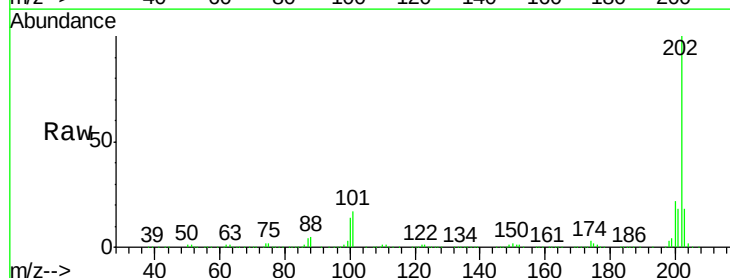
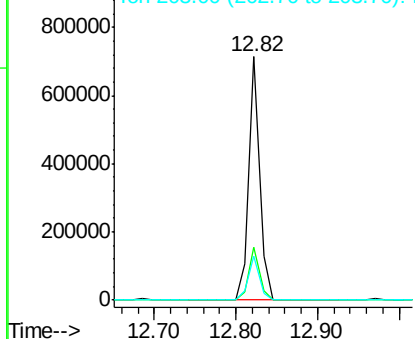
Delta R.T. -0.00 min

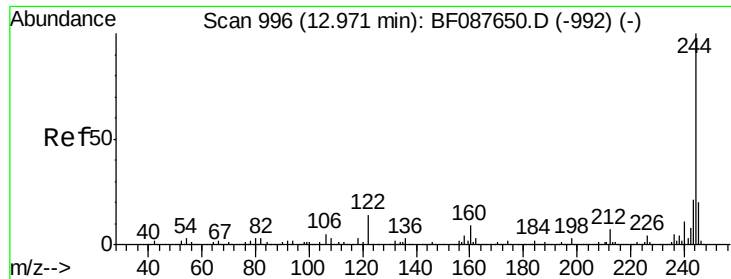
Lab File: BF087741.D

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Tgt Ion:	202	Resp:	655734
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.0	14.5	21.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





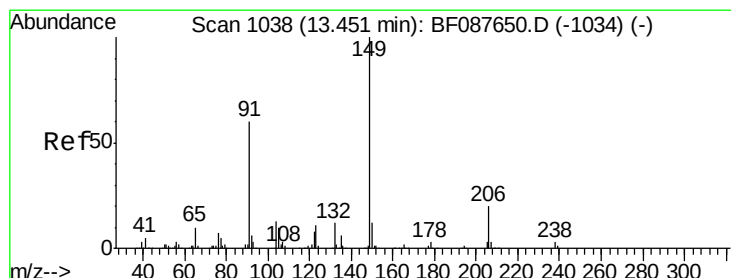
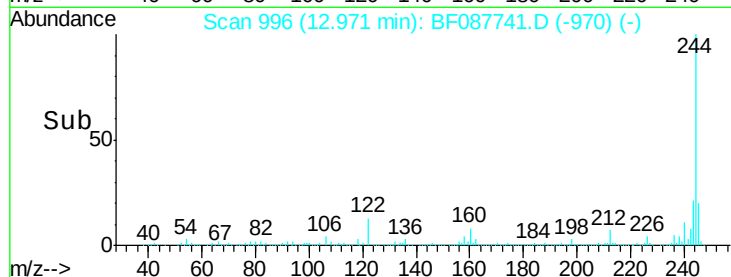
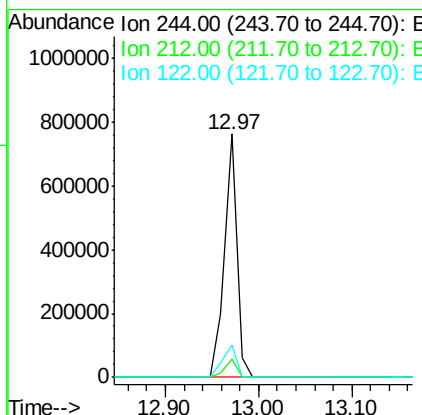
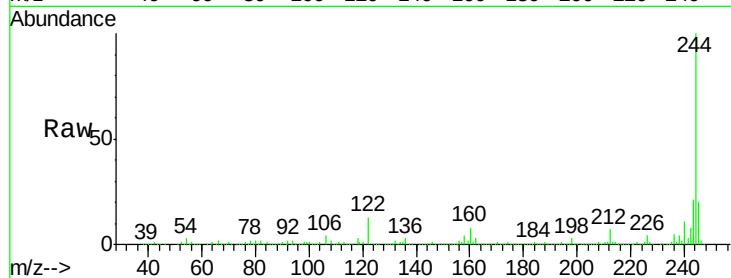
#78
 Terphenyl-d14
 Concen: 61.91 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.3	11.2	16.8

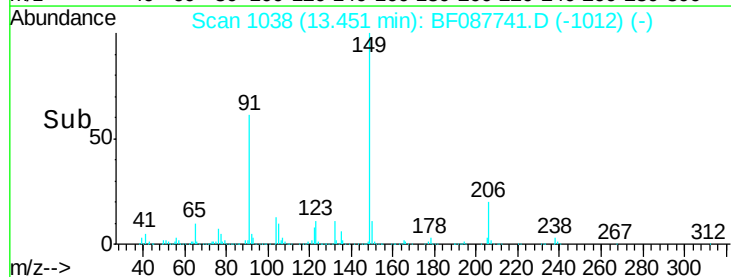
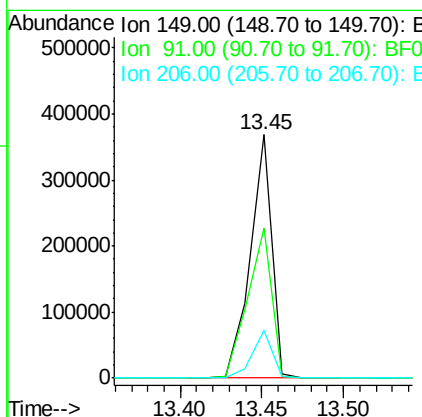
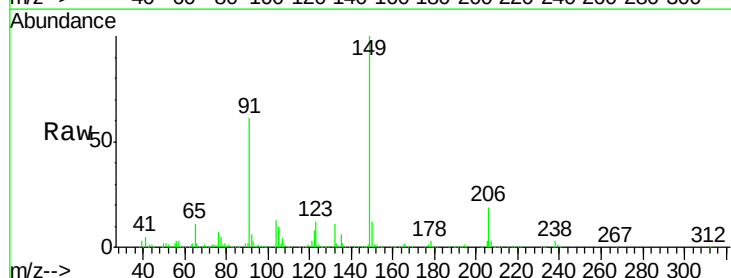
Manual Integrations
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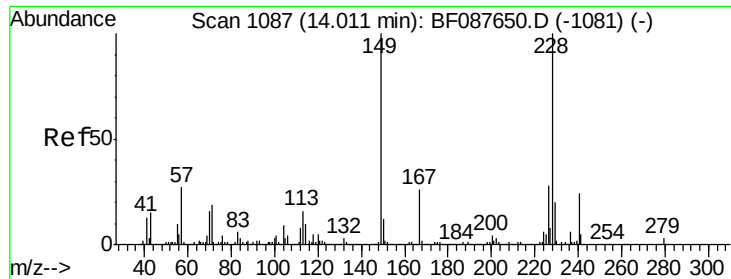
SOHIL
 6/6/2016 7:25:37 PM



#79
 Butylbenzylphthalate
 Concen: 39.59 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.4	48.0	72.0
206	19.5	16.0	24.0





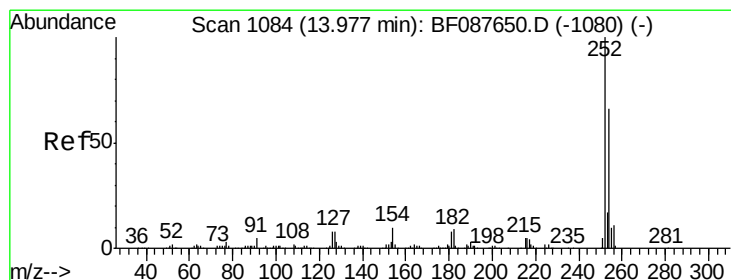
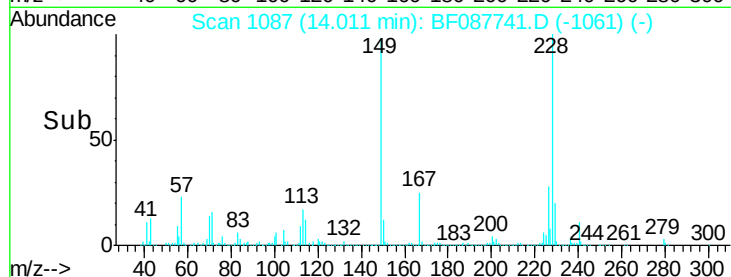
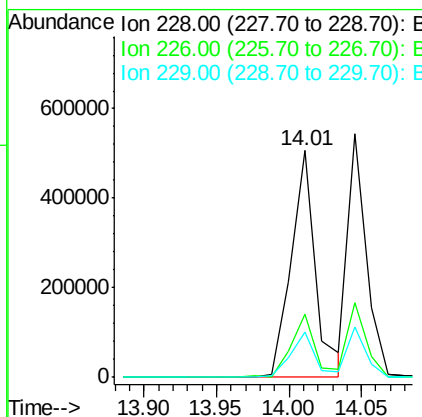
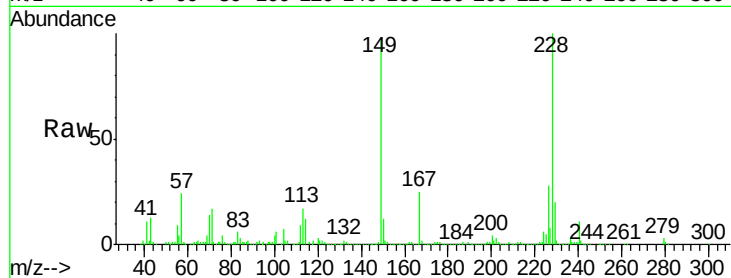
#80
Benzo(a)anthracene
Concen: 36.78 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	591921		
226	27.7	22.3	33.5	
229	20.0	16.0	24.0	

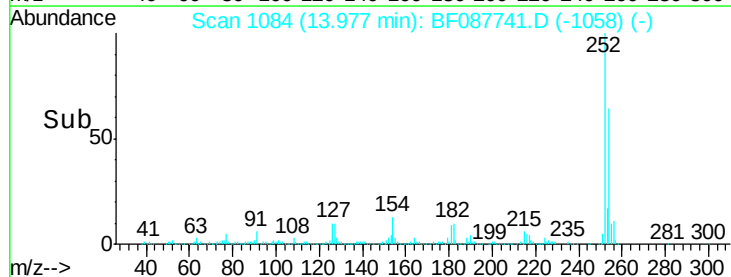
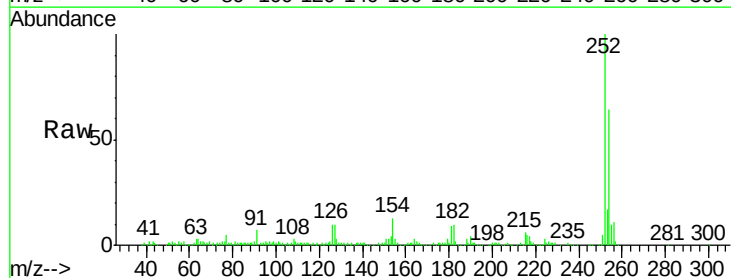
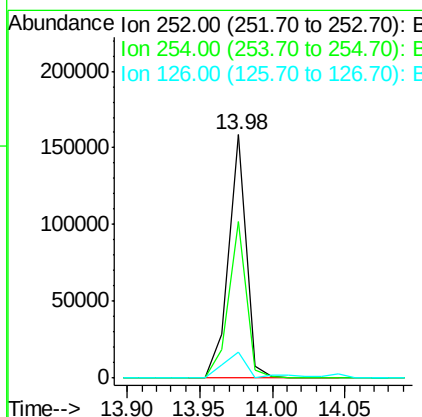
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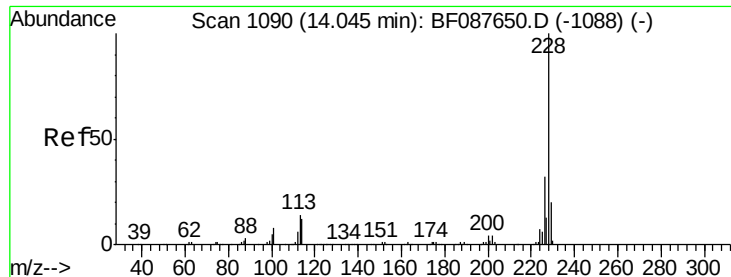
SOHIL
6/6/2016 7:25:37 PM



#81
3,3'-Dichlorobenzidine
Concen: 29.88 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	135652		
254	64.3	52.6	78.8	
126	10.5	6.2	9.2	





#82

Chrysene

Concen: 30.14 ng

RT: 14.05 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

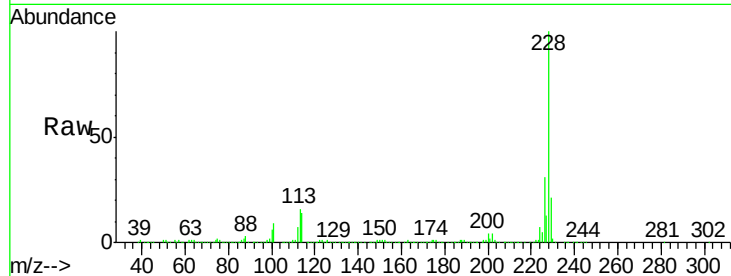
ClientSampleId :

U5-B2(0-10)CMS

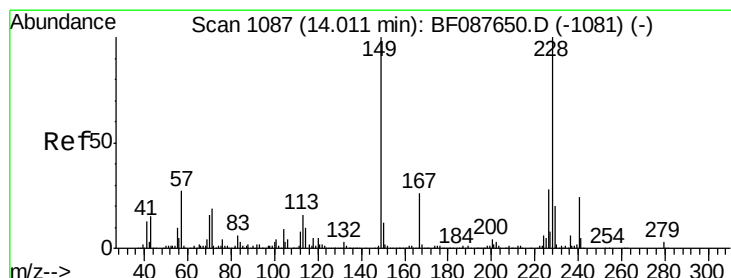
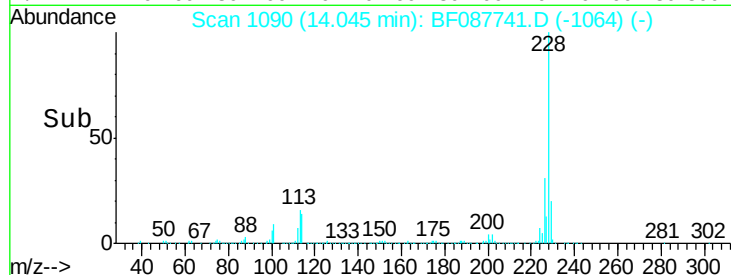
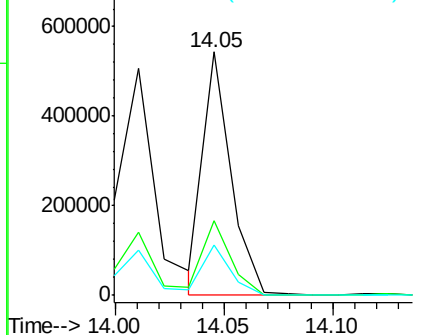
Tot Ion:	228	Resp:	482852
Ion Ratio		Lower	Upper
228	100		
226	30.9	25.4	38.2
229	20.5	16.3	24.5

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.97 ng

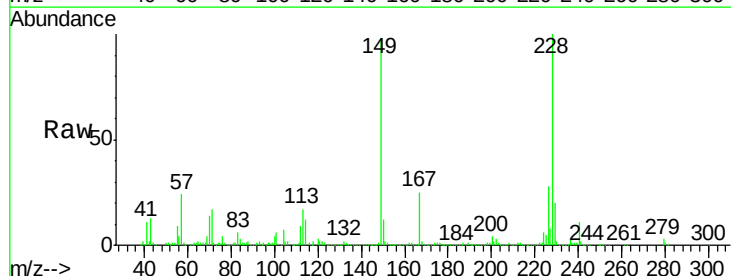
RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

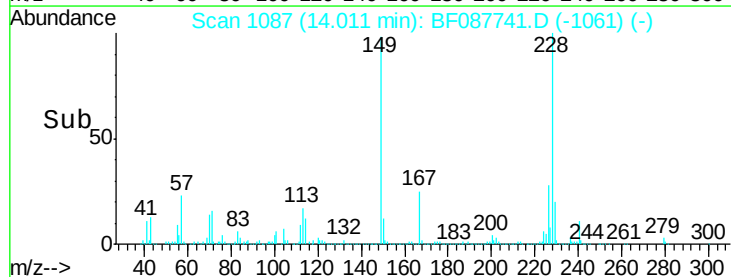
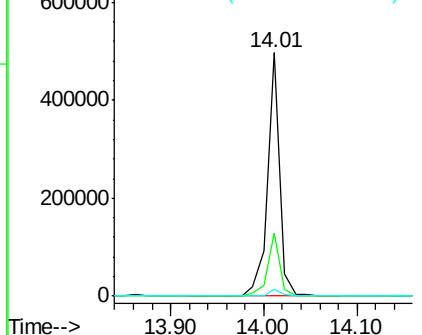
Lab File: BF087741.D

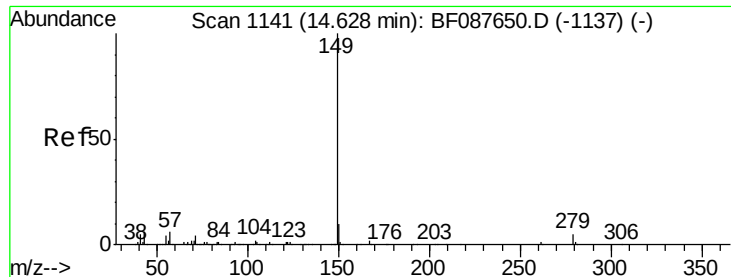
Acq: 6 Jun 2016 7:50

Tgt Ion:	149	Resp:	452315
Ion Ratio		Lower	Upper
149	100		
167	25.9	20.5	30.7
279	2.9	2.0	3.0



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





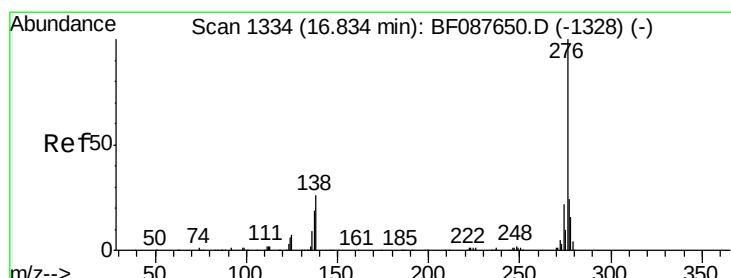
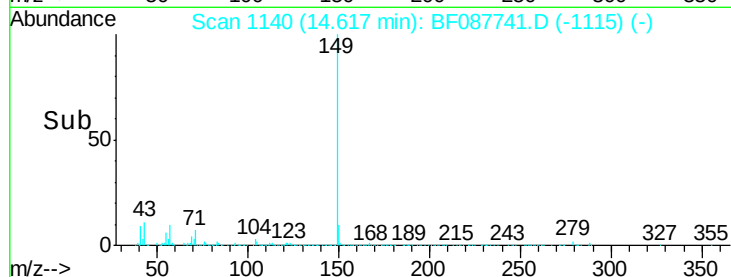
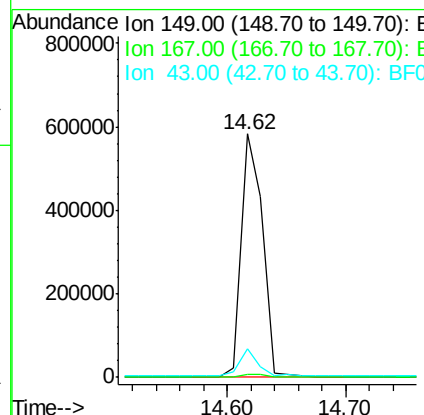
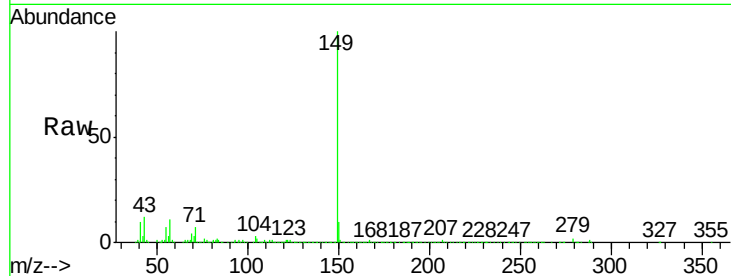
#84
Di-n-octyl phthalate
Concen: 38.64 ng
RT: 14.62 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	0.0	0.0#
43	9.6	0.0	0.0#

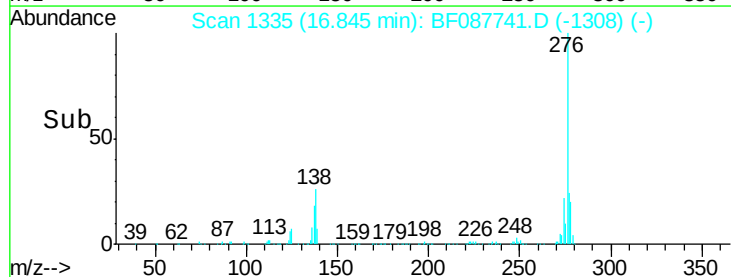
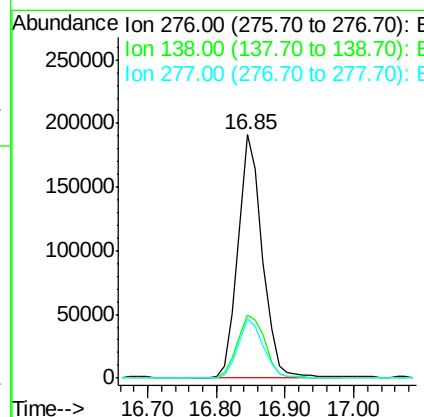
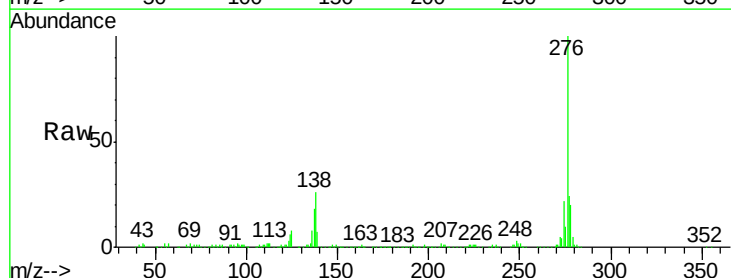
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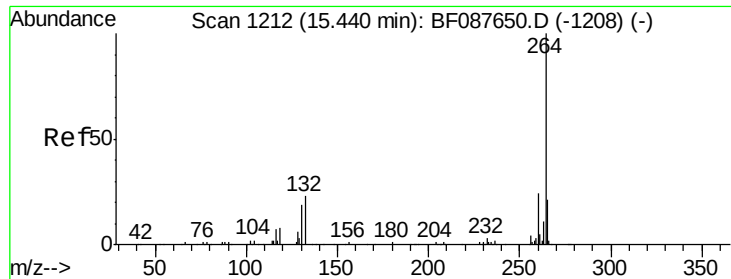
SOHIL
6/6/2016 7:25:37 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 35.94 ng
RT: 16.85 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.8	0.0	0.0#
277	25.7	0.0	0.0#





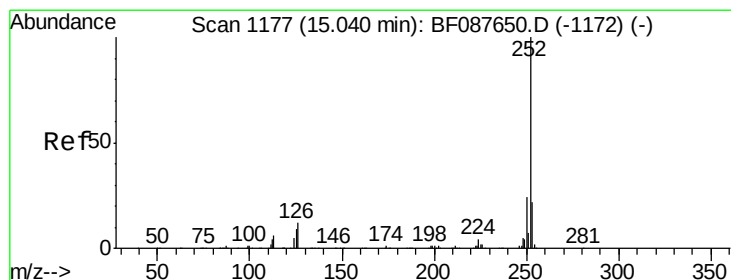
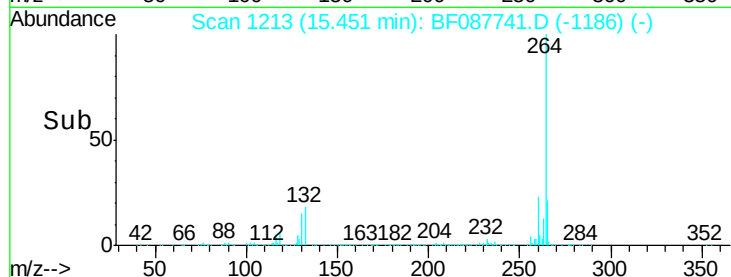
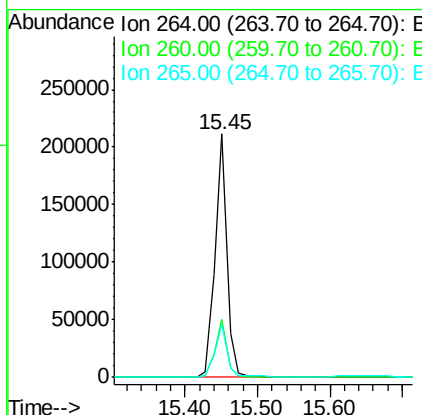
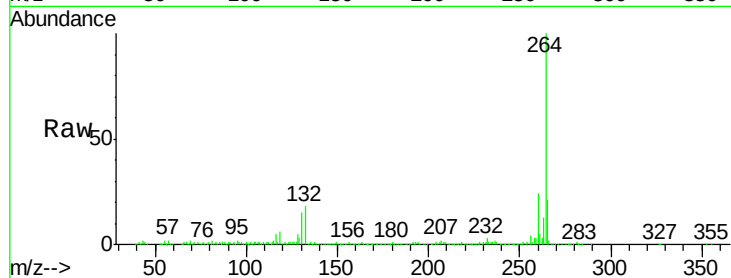
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3

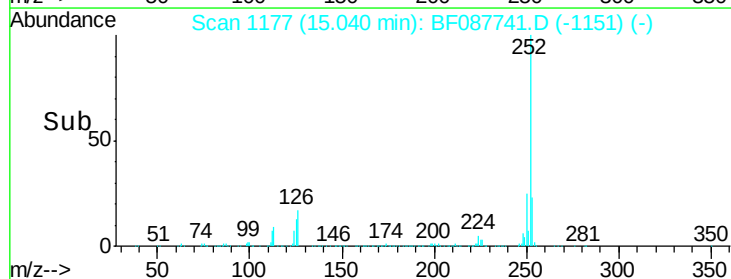
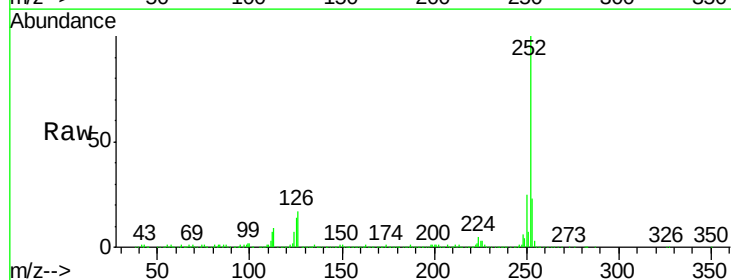
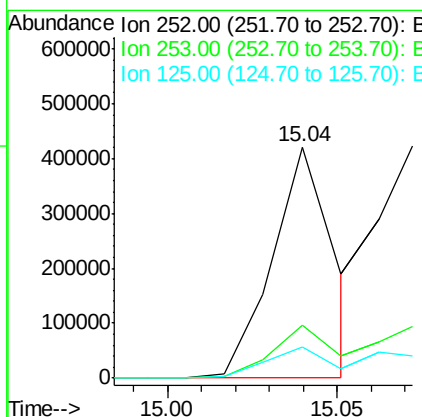
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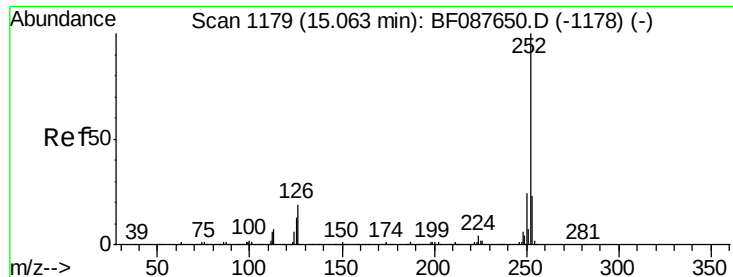
SOHIL
6/6/2016 7:25:37 PM



#87
Benzo(b)fluoranthene
Concen: 33.39 ng m
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	13.6	7.1	10.7





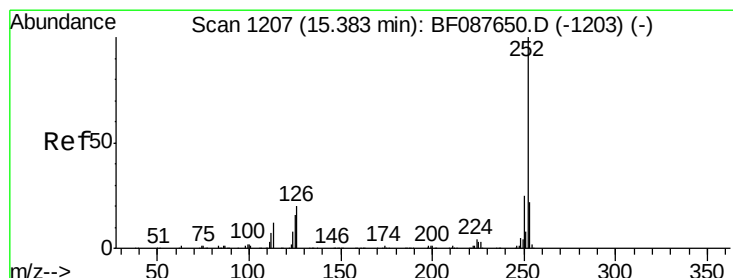
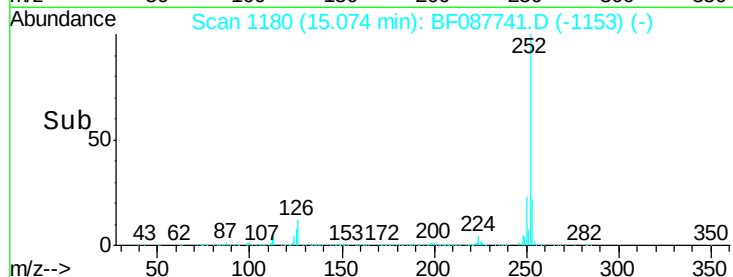
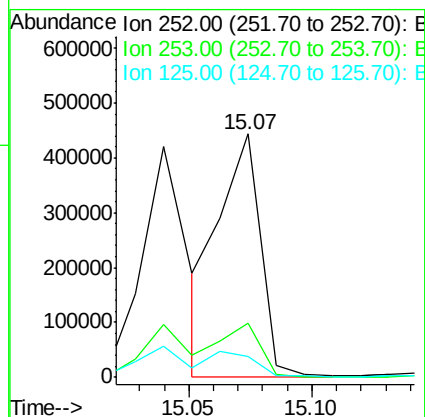
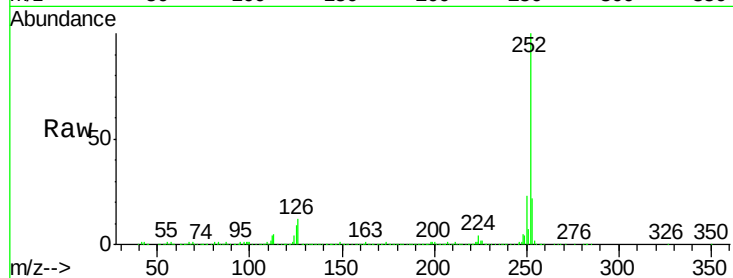
#88
Benzo(k)fluoranthene
Concen: 39.92 ng m
RT: 15.07 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	18.0	27.0
125	8.7	11.2	16.8

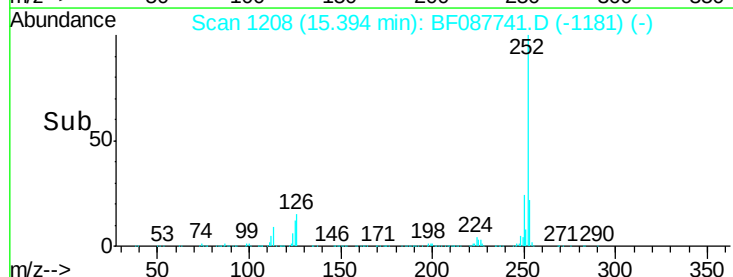
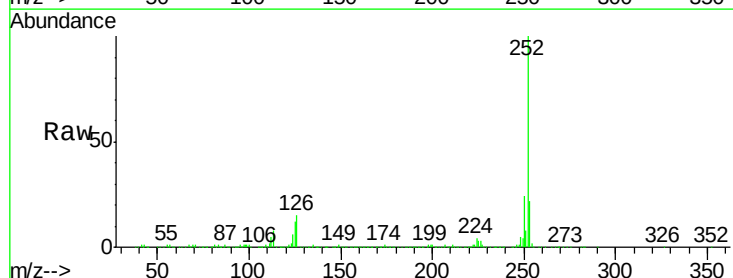
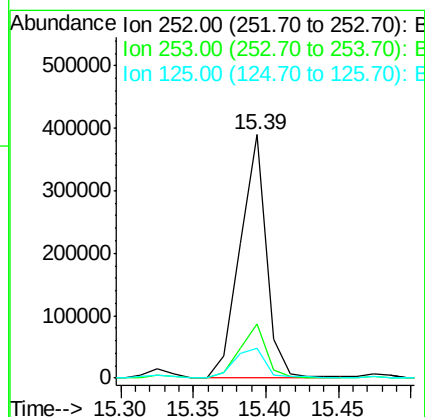
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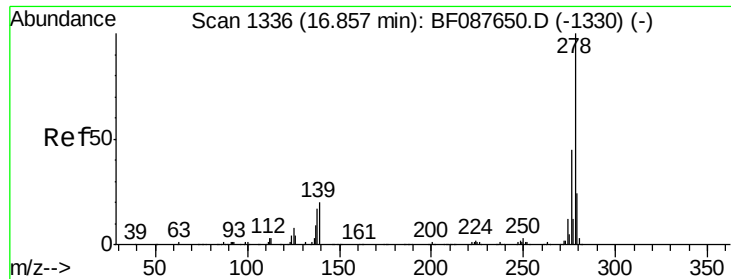
SOHIL
6/6/2016 7:25:37 PM



#89
Benzo(a)pyrene
Concen: 36.95 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.1	12.5	18.7





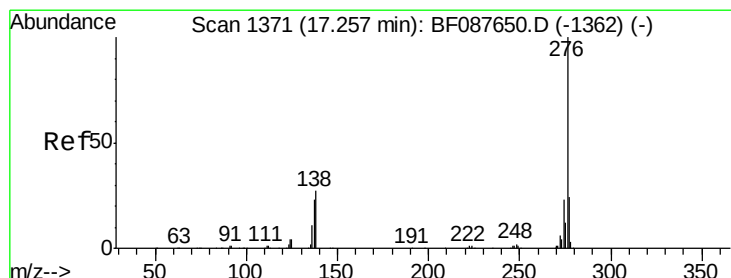
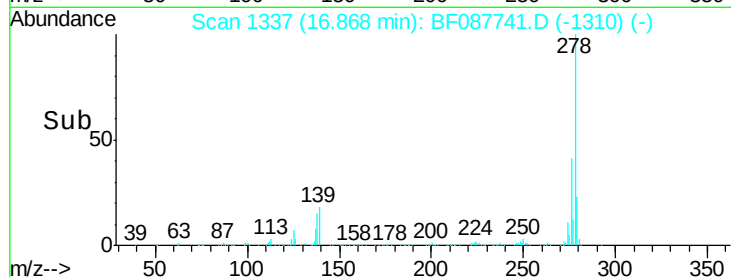
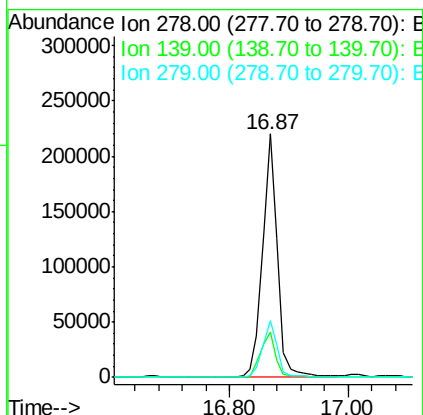
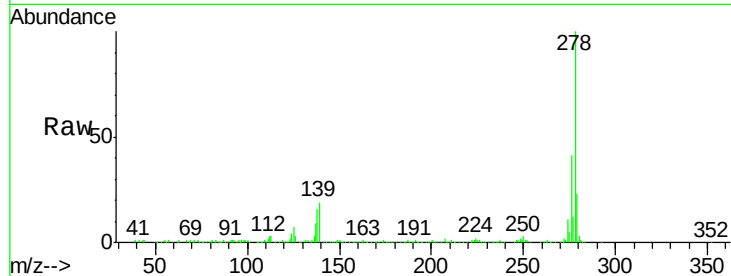
#90
Dibenzo(a,h)anthracene
Concen: 34.76 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.7	23.5
279	23.5	19.4	29.2

Manual Integrations
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6/6/2016 7:25:37 PM



#91
Benzo(g,h,i)perylene
Concen: 33.69 ng
RT: 17.27 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.4	21.4	32.2

