

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086074.D
 Acq On : 5 Apr 2016 9:43
 Operator : UM/SJ
 Sample : H2104-07MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
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Quant Time: Apr 05 11:45:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	110026	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	414287	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	173817	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	257975	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	199860	20.00	ng	-0.01
86) Perylene-d12	15.32	264	160817	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	789573	122.66	ng	0.01
7) Phenol-d6	6.42	99	894613	109.42	ng	0.00
23) Nitrobenzene-d5	7.33	82	579632	82.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	178384	109.34	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1006795	96.31	ng	-0.01
78) Terphenyl-d14	12.86	244	726173	85.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	116894	38.30	ng	# 86
3) Pyridine	3.12	79	239488	35.05	ng	95
4) n-Nitrosodimethylamine	3.05	42	135203	45.00	ng	100
6) Aniline	6.43	93	189007	17.62	ng	# 1
8) 2-Chlorophenol	6.56	128	298226	38.85	ng	97
9) Benzaldehyde	6.32	77	79215	18.01	ng	91
10) Phenol	6.43	94	356982	38.28	ng	90
11) bis(2-Chloroethyl)ether	6.51	93	321220	43.49	ng	95
12) 1,3-Dichlorobenzene	6.70	146	320555m	39.40	ng	
13) 1,4-Dichlorobenzene	6.78	146	323363	38.58	ng	94
14) 1,2-Dichlorobenzene	6.93	146	298325	38.67	ng	98
15) Benzyl Alcohol	6.92	79	222002	41.97	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	343027	38.02	ng	74
17) 2-Methylphenol	7.04	107	239341	39.54	ng	95
18) Hexachloroethane	7.28	117	92049	29.86	ng	91
19) n-Nitroso-di-n-propylamine	7.18	70	198537	39.18	ng	# 92
20) 3+4-Methylphenols	7.20	107	301245	40.92	ng	# 61
22) Acetophenone	7.18	105	427793	43.93	ng	# 89
24) Nitrobenzene	7.36	77	333193	43.35	ng	90
25) Isophorone	7.60	82	583230	42.06	ng	# 94
26) 2-Nitrophenol	7.68	139	133292	36.25	ng	# 89
27) 2,4-Dimethylphenol	7.72	122	261870	39.65	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	344400	42.33	ng	98
29) 2,4-Dichlorophenol	7.92	162	235584	42.19	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	260007	41.49	ng	95
31) Naphthalene	8.08	128	935087	44.87	ng	99
32) Benzoic acid	7.86	122	137530	28.38	ng	91
33) 4-Chloroaniline	8.13	127	83566	9.93	ng	97
34) Hexachlorobutadiene	8.19	225	137601	40.84	ng	98
35) Caprolactam	8.50	113	63449	35.82	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	256575	40.88	ng	97
37) 2-Methylnaphthalene	8.76	142	541463	39.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	223591	42.80	ng	99
40) Hexachlorocyclopentadiene	8.91	237	18188	17.60	ng	99

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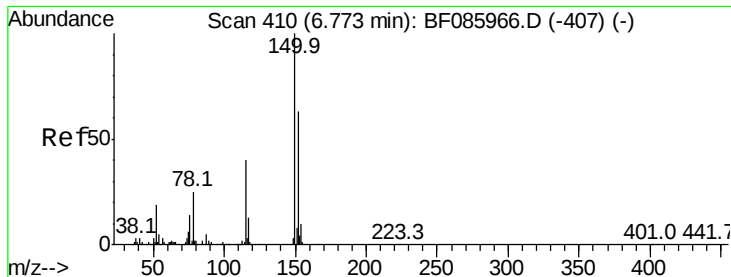
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	148219	44.18	nq	100
43) 2,4,5-Trichlorophenol	9.09	196	151588	44.51	nq #	83
45) 1,1'-Biphenyl	9.23	154	648287	43.26	nq	94
46) 2-Chloronaphthalene	9.25	162	486000	44.73	nq	97
47) 2-Nitroaniline	9.36	65	159959	50.32	nq	99
48) Acenaphthylene	9.66	152	747362	42.94	nq	99
49) Dimethylphthalate	9.53	163	555741	43.14	nq	100
50) 2,6-Dinitrotoluene	9.60	165	108923	39.96	nq	95
51) Acenaphthene	9.84	154	443551	42.85	nq	100
52) 3-Nitroaniline	9.77	138	115487	35.15	nq	93
53) 2,4-Dinitrophenol	9.89	184	17329	17.28	nq #	83
54) Dibenzofuran	10.01	168	620780	45.41	nq	99
55) 4-Nitrophenol	9.95	139	121633	62.81	nq	97
56) 2,4-Dinitrotoluene	10.01	165	127033	36.88	nq #	69
57) Fluorene	10.35	166	485991	41.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	107737	42.48	nq	96
59) Diethylphthalate	10.22	149	532104	40.92	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	215213	39.57	nq	97
61) 4-Nitroaniline	10.38	138	139745	43.19	nq	97
62) Azobenzene	10.50	77	541414	43.47	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	15656	10.01	nq #	73
65) n-Nitrosodiphenylamine	10.46	169	426990	52.92	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	131054	49.76	nq	99
67) Hexachlorobenzene	10.90	284	129459	47.53	nq #	90
68) Atrazine	10.99	200	79636	30.55	nq	98
69) Pentachlorophenol	11.10	266	112086	87.81	nq	99
70) Phenanthrene	11.31	178	655708	46.59	nq	99
71) Anthracene	11.36	178	597018	40.50	nq	99
72) Carbazole	11.52	167	514539	40.60	nq	99
73) Di-n-butylphthalate	11.85	149	810752	51.63	nq	100
74) Fluoranthene	12.50	202	569800	38.93	nq	88
76) Benzidine	12.62	184	100156	14.20	nq	97
77) Pyrene	12.72	202	576908	40.96	nq	100
79) Butylbenzylphthalate	13.33	149	275354	43.42	nq #	69
80) Benzo(a)anthracene	13.91	228	471041	39.98	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	104995	12.20	nq	99
82) Chrysene	13.95	228	461185	40.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	379222	45.06	nq	100
84) Di-n-octyl phthalate	14.51	149	676265	50.31	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	369725	40.16	nq	99
87) Benzo(b)fluoranthene	14.92	252	533895m	52.78	nq	
88) Benzo(k)fluoranthene	14.96	252	318464m	35.55	nq	
89) Benzo(a)pyrene	15.27	252	395043	44.07	nq	99
90) Dibenzo(a,h)anthracene	16.68	278	321426	44.57	nq	97
91) Benzo(g,h,i)perylene	17.08	276	285779	40.95	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

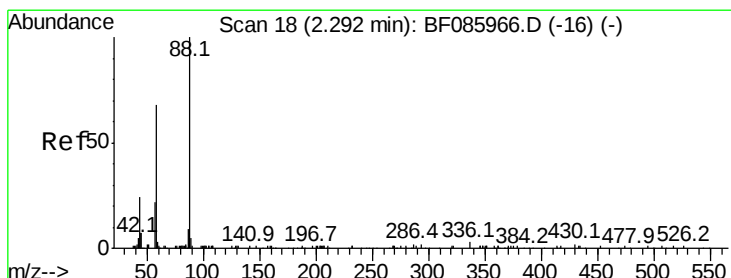
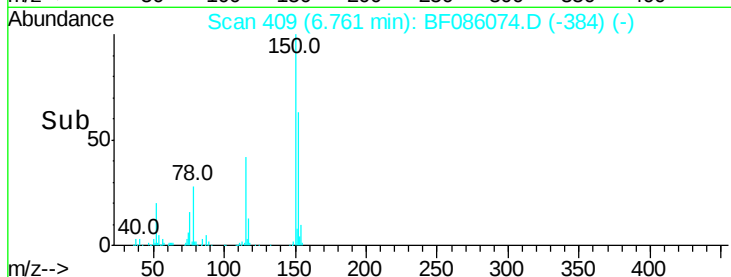
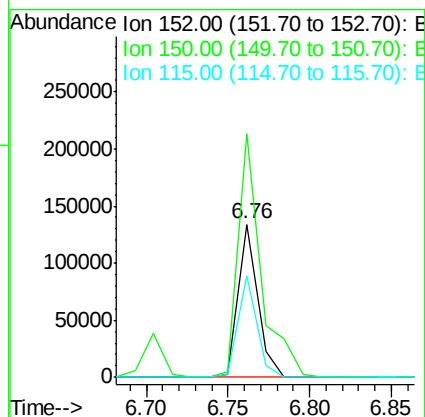
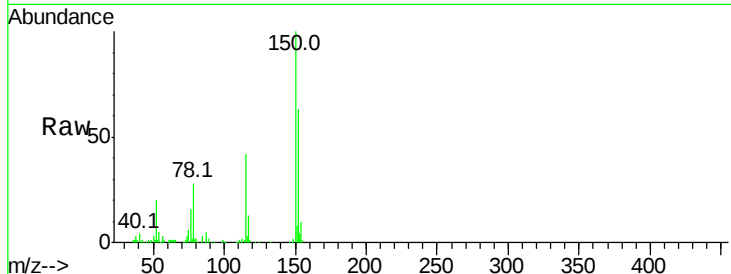
ClientSampleId :

WC-1MS

Tot Ion:	152	Resp:	110026
Ion Ratio	Lower	Upper	
152	100		
150	158.9	124.2	186.2
115	66.1	47.0	70.6

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#2

1,4-Dioxane

Concen: 38.30 ng

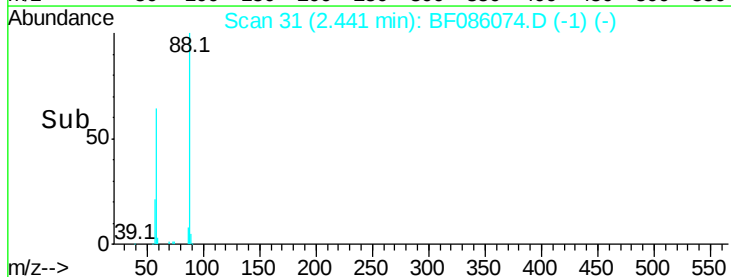
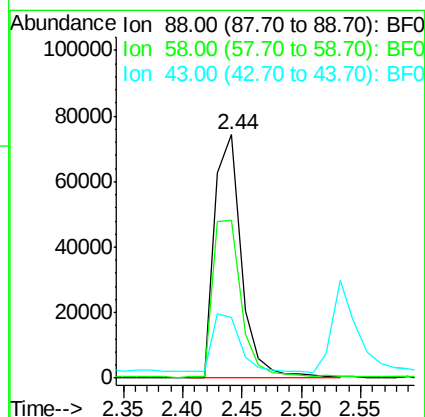
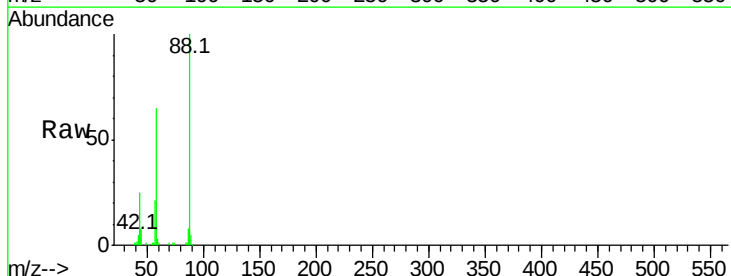
RT: 2.44 min Scan# 31

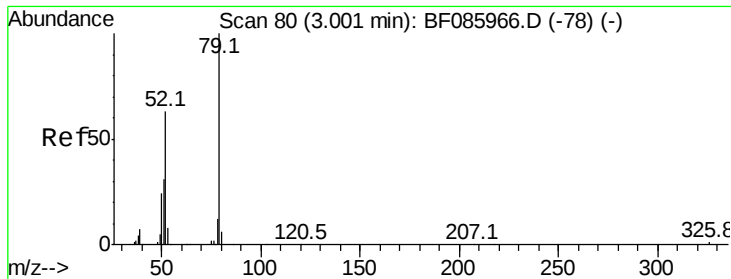
Delta R.T. 0.15 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	88	Resp:	116894
Ion Ratio	Lower	Upper	
88	100		
58	68.5	54.2	81.2
43	0.0	19.3	28.9#





#3

Pvridine

Concen: 35.05 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.11 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

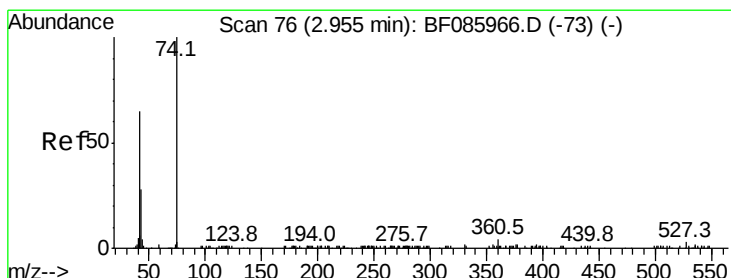
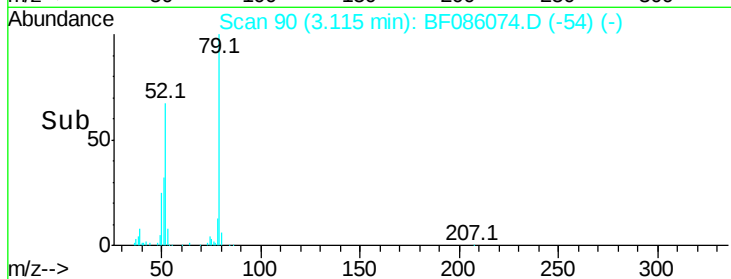
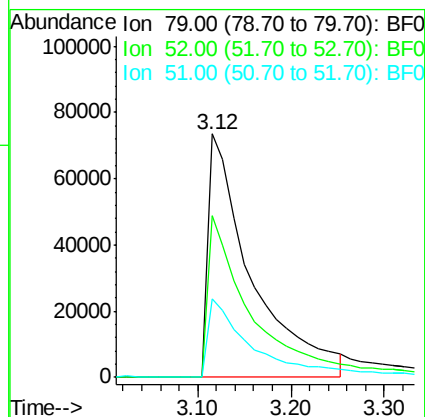
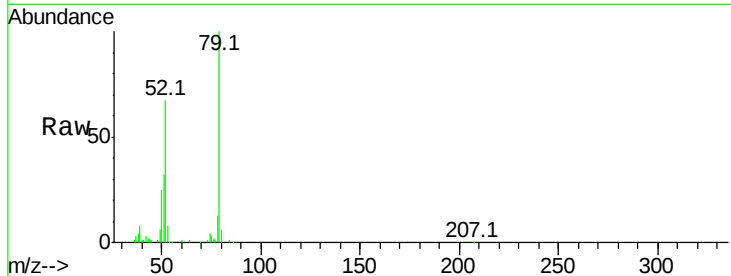
ClientSampleId :

WC-1MS

Tot Ion:	79	Resp:	239488
Ion Ratio	Lower	Upper	
79	100		
52	66.6	49.8	74.6
51	32.4	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 45.00 ng

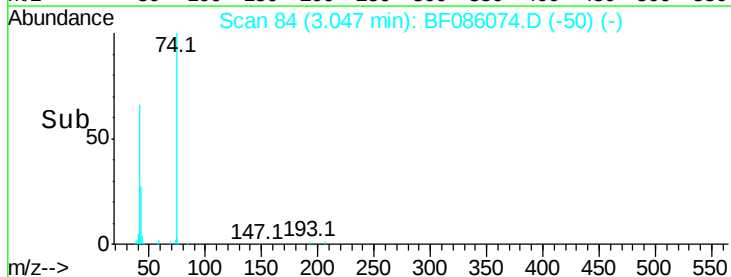
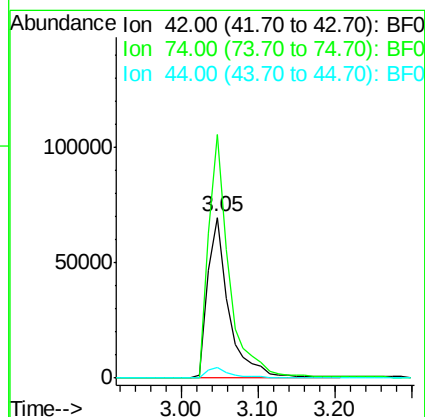
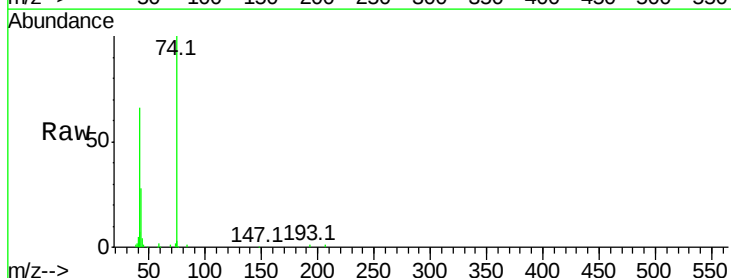
RT: 3.05 min Scan# 84

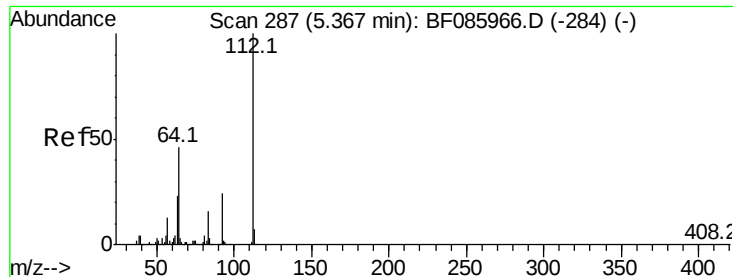
Delta R.T. 0.09 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	42	Resp:	135203
Ion Ratio	Lower	Upper	
42	100		
74	151.5	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 122.66 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

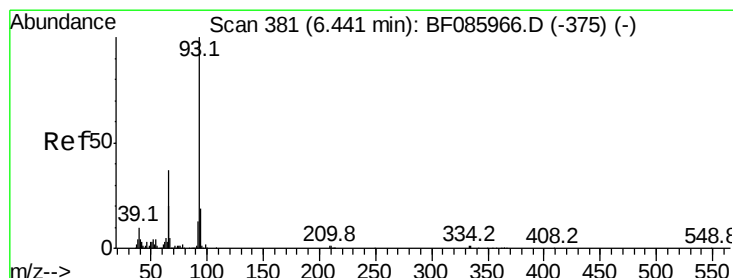
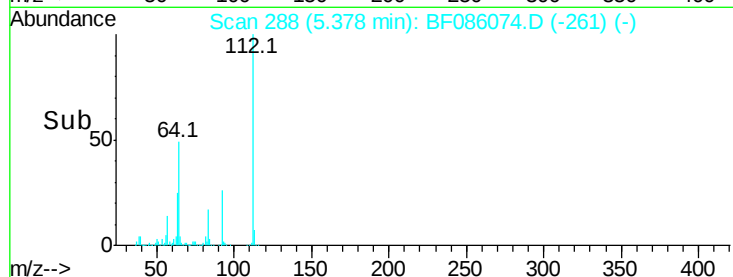
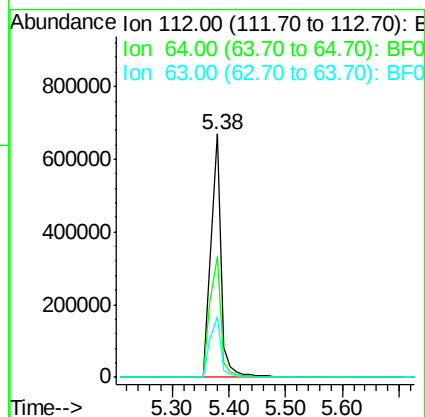
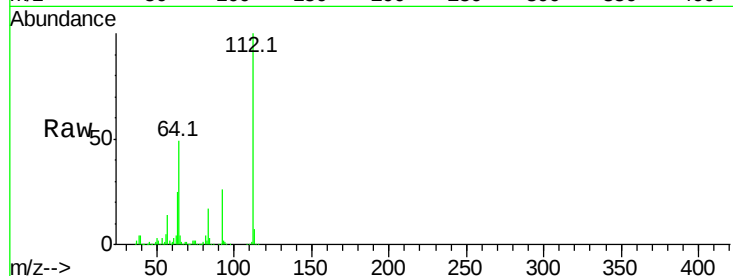
ClientSampleId :

WC-1MS

Tot Ion:	112	Resp:	789573
Ion Ratio	Lower	Upper	
112	100		
64	49.3	39.9	59.9
63	25.1	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 17.62 ng

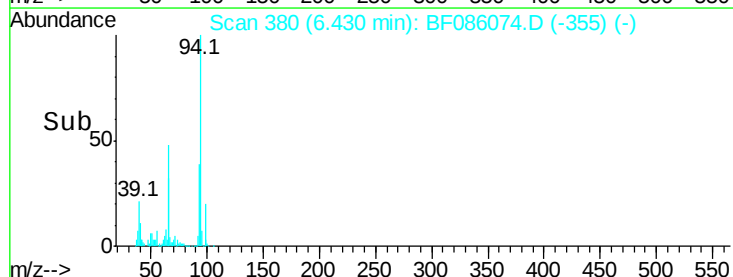
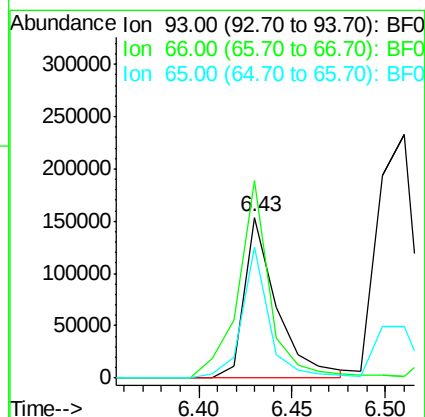
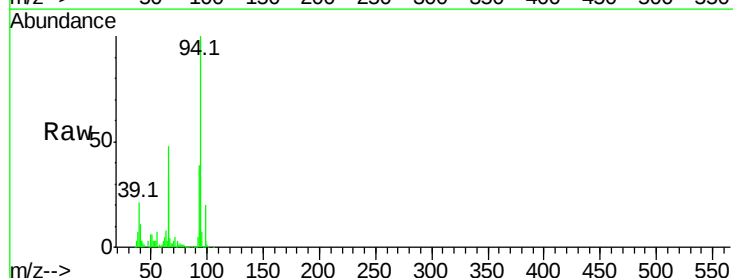
RT: 6.43 min Scan# 380

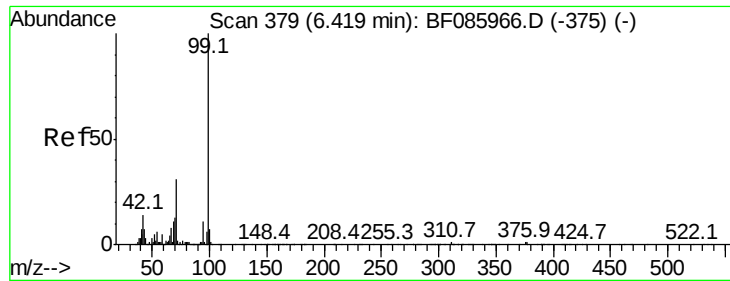
Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	93	Resp:	189007
Ion Ratio	Lower	Upper	
93	100		
66	123.4	31.4	47.2#
65	81.8	15.7	23.5#





#7

Phenol-d6

Concen: 109.42 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

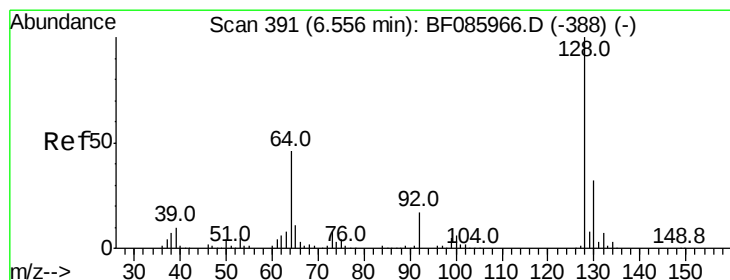
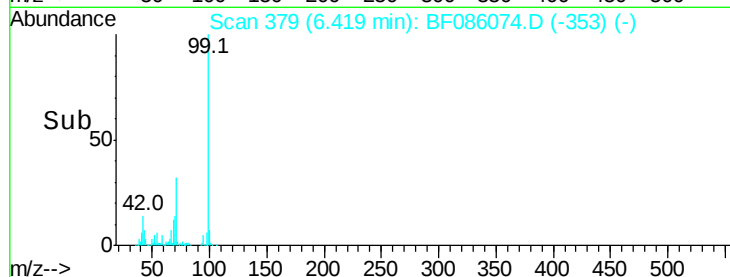
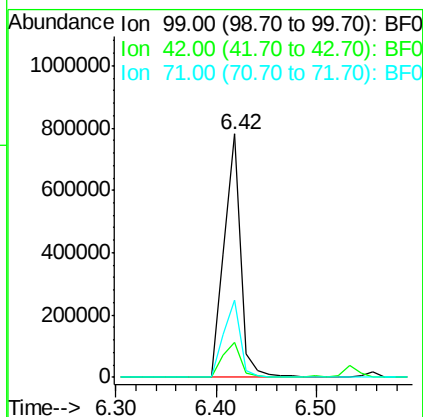
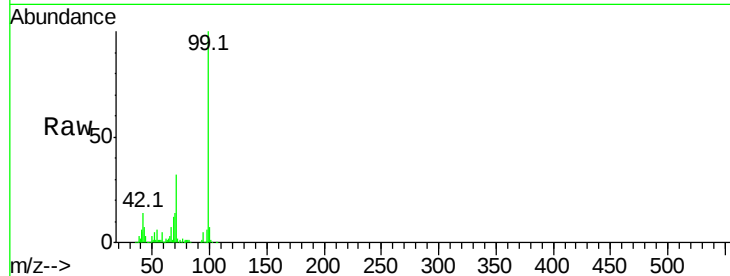
ClientSampleId :

WC-1MS

Tot Ion:	99	Resp:	894613
Ion Ratio	Lower	Upper	
99	100		
42	14.4	11.1	16.7
71	31.8	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.85 ng

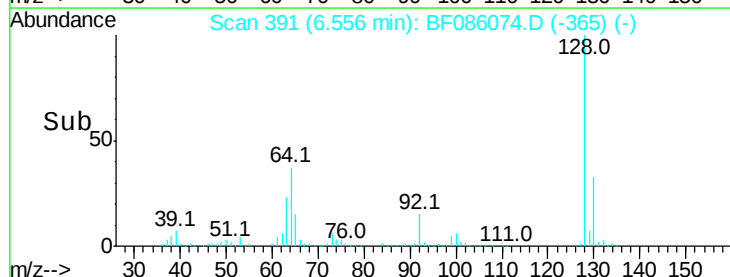
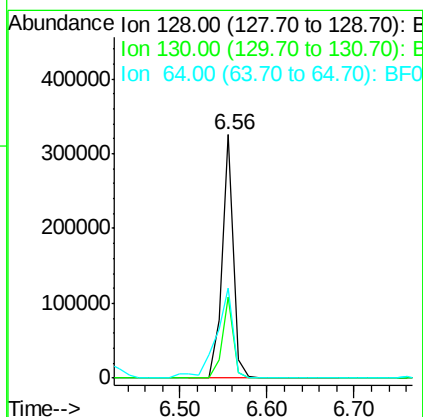
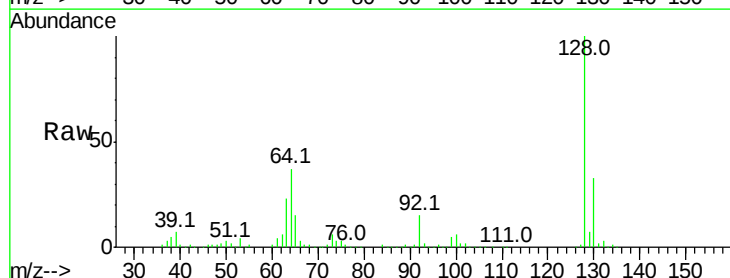
RT: 6.56 min Scan# 391

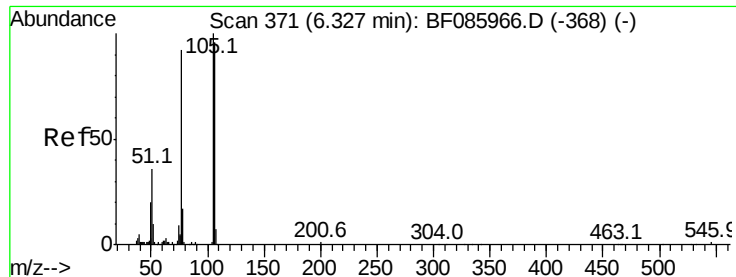
Delta R.T. -0.00 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	128	Resp:	298226
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	37.0	20.2	60.2





#9

Benzaldehyde

Concen: 18.01 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

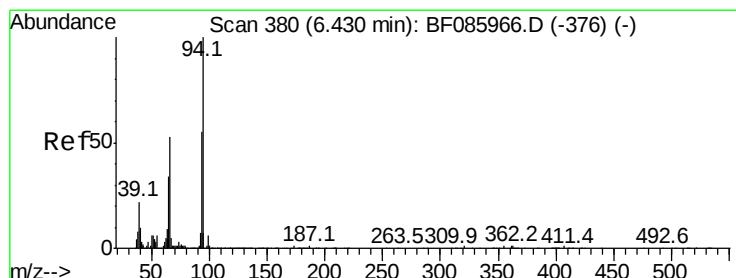
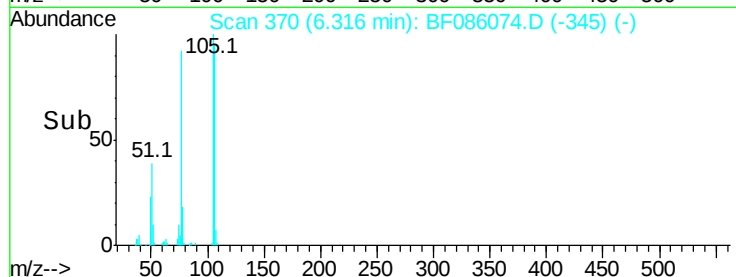
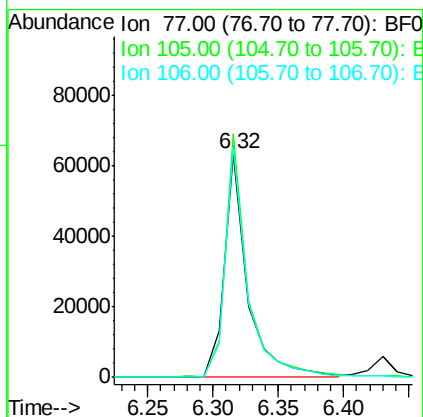
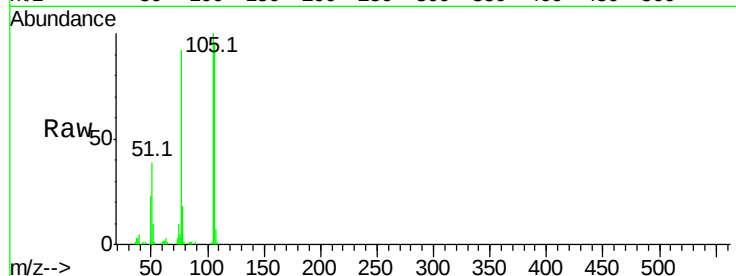
ClientSampleId :

WC-1MS

Manual Integrations
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Tot Ion:	77	Resp:	79215
Ion	Ratio	Lower	Upper
77	100		
105	108.8	80.1	120.1
106	103.3	75.0	115.0



#10

Phenol

Concen: 38.28 ng

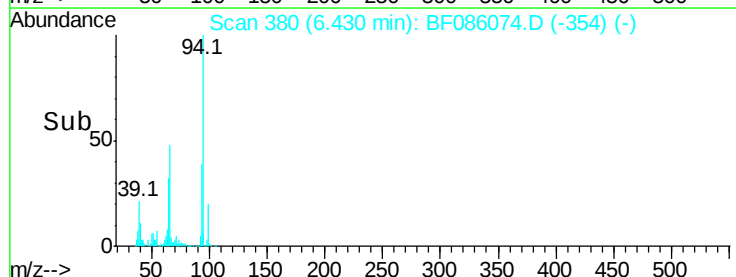
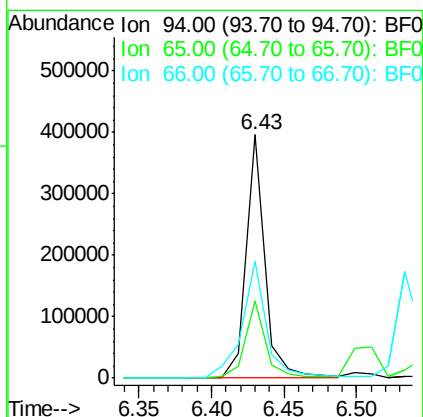
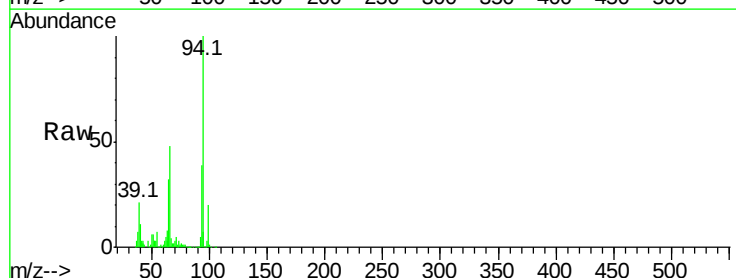
RT: 6.43 min Scan# 380

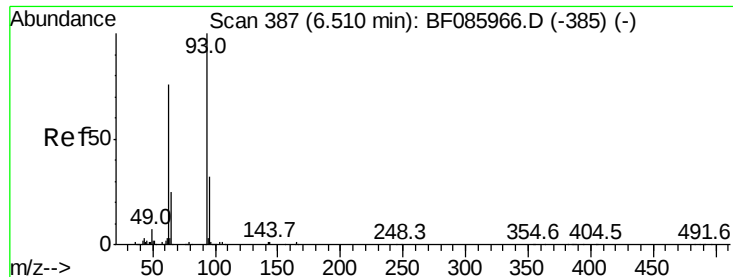
Delta R.T. 0.00 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	94	Resp:	356982
Ion	Ratio	Lower	Upper
94	100		
65	31.7	8.6	48.6
66	47.8	20.0	60.0





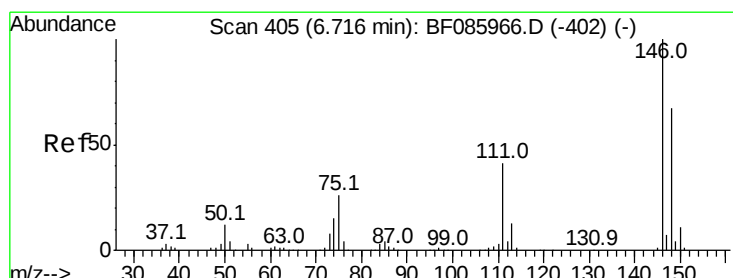
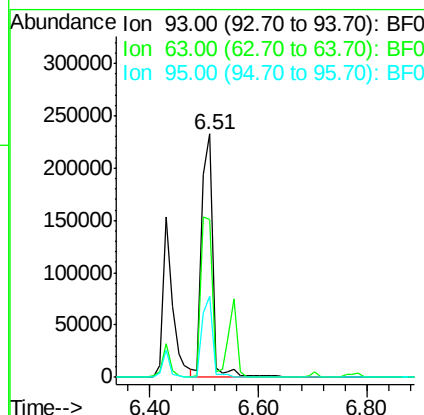
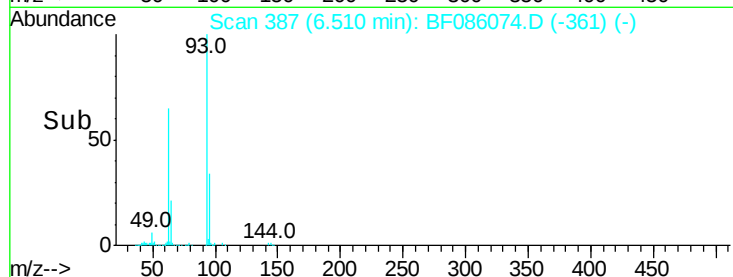
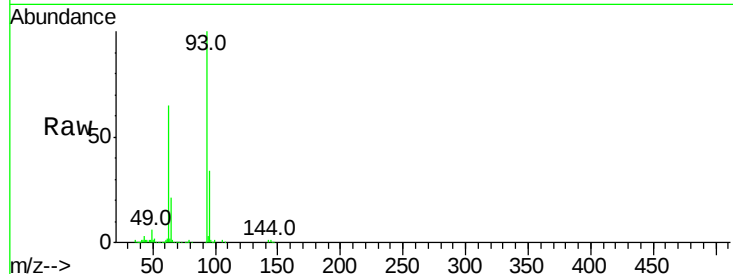
#11
bis(2-Chloroethyl)ether
Concen: 43.49 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.7	50.9	90.9
95	33.5	13.3	53.3

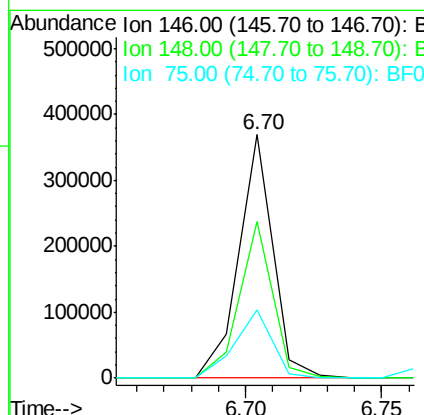
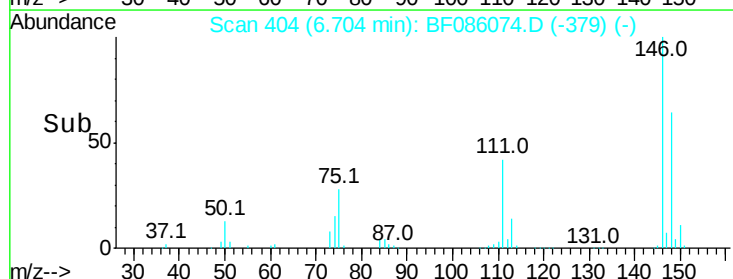
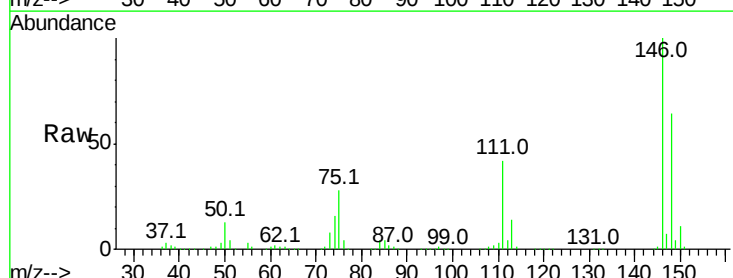
Manual Integrations
APPROVED

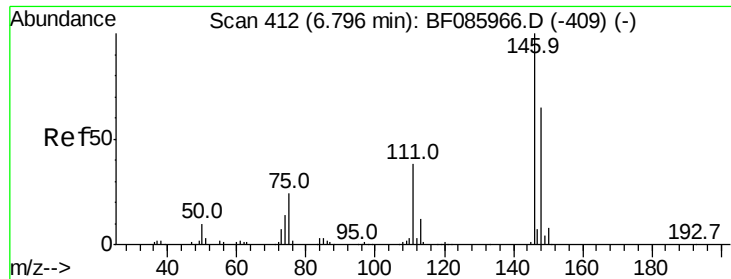
Sohil
4/5/2016 6:39:20 PM



#12
1,3-Dichlorobenzene
Concen: 39.40 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
75	27.9	17.4	26.2





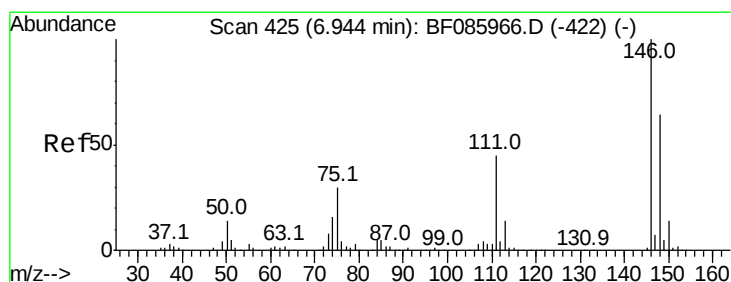
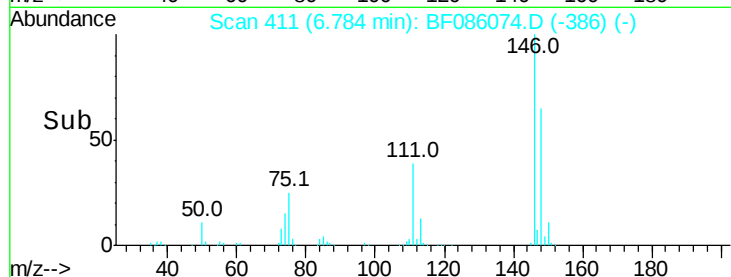
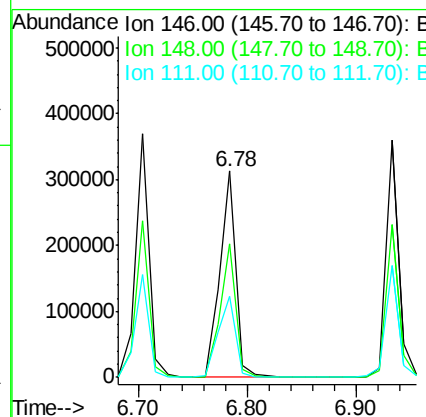
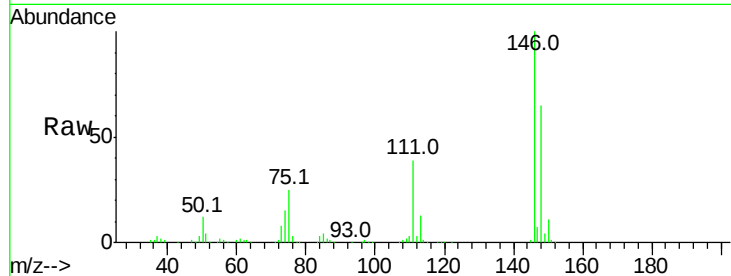
#13
1,4-Dichlorobenzene
Concen: 38.58 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	76.0
111	39.1	37.8	56.6

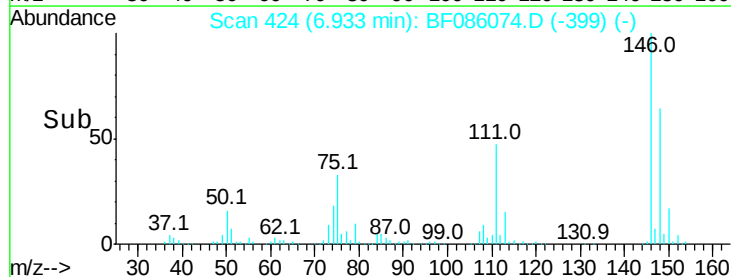
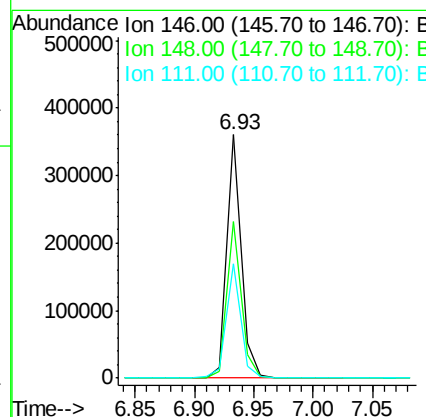
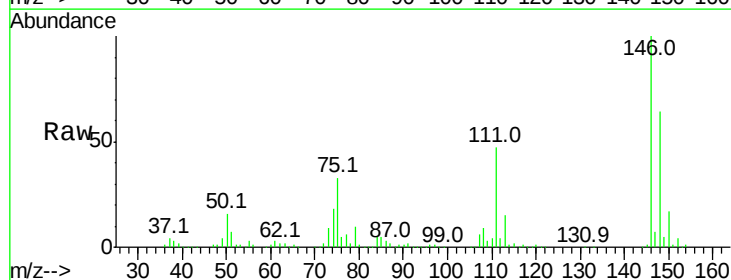
Manual Integrations
APPROVED

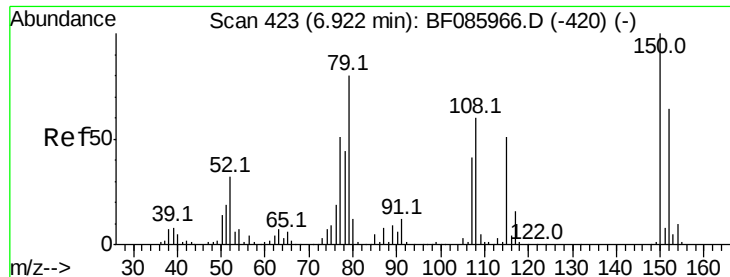
Sohil
4/5/2016 6:39:20 PM



#14
1,2-Dichlorobenzene
Concen: 38.67 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	46.9	34.6	52.0





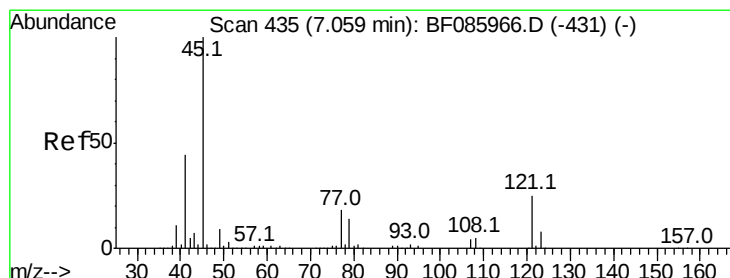
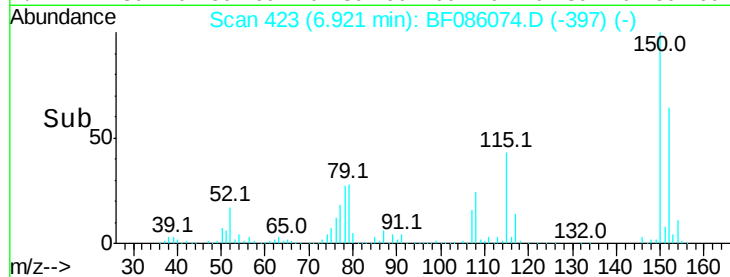
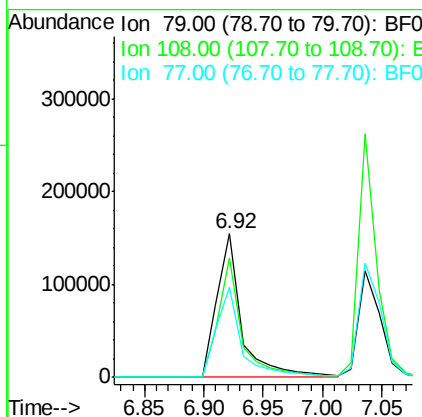
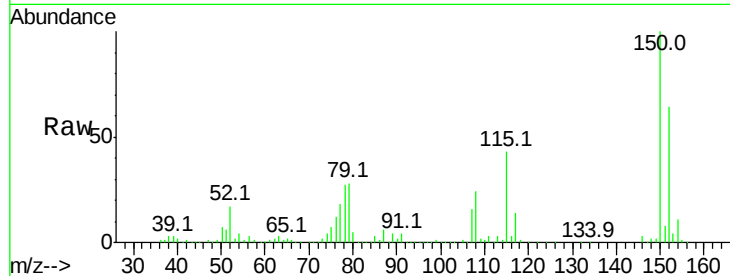
#15
Benzyl Alcohol
Concen: 41.97 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	61.8	92.6
77	63.1	49.6	74.4

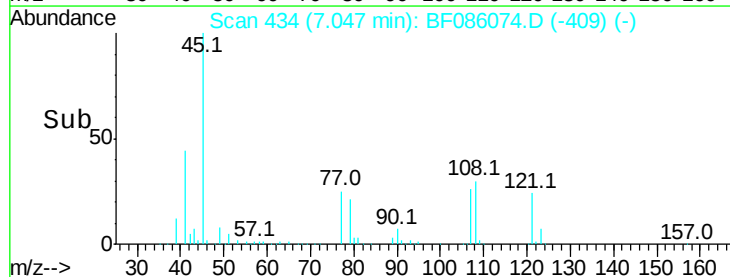
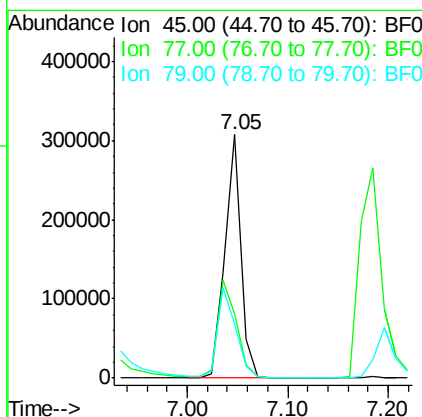
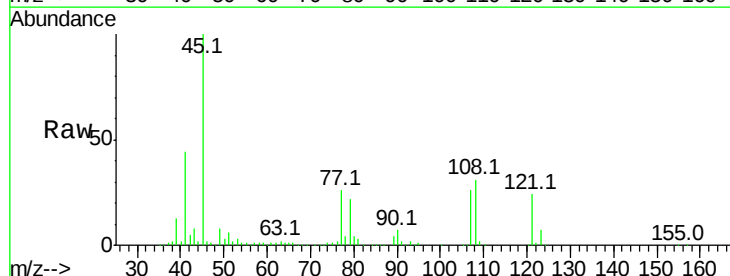
Manual Integrations
APPROVED

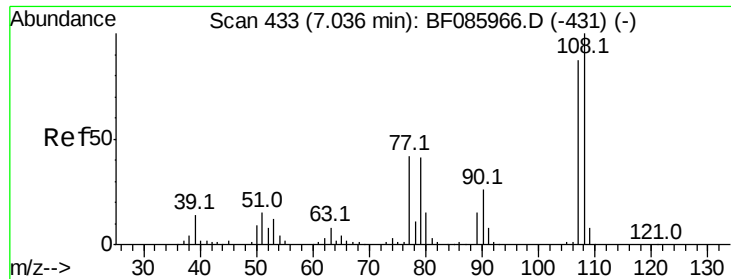
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.02 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.4	0.0	35.7
79	22.4	0.0	32.2





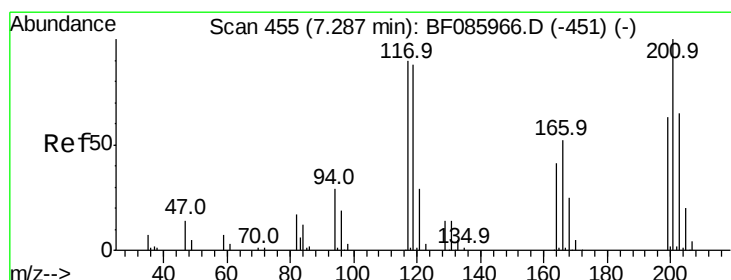
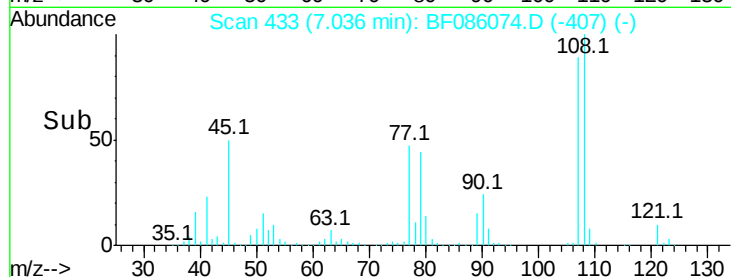
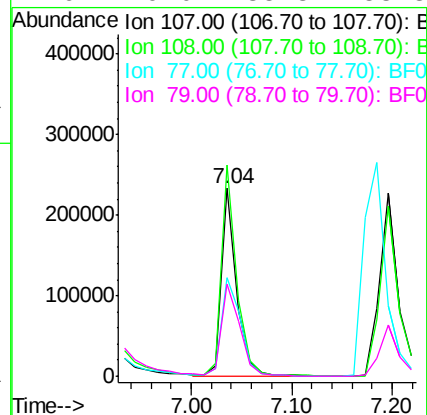
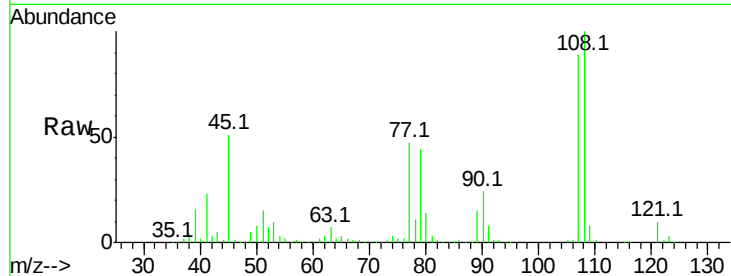
#17
2-Methylphenol
Concen: 39.54 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.4	137.0	
77	52.6	36.2	54.2	
79	49.0	35.8	53.8	

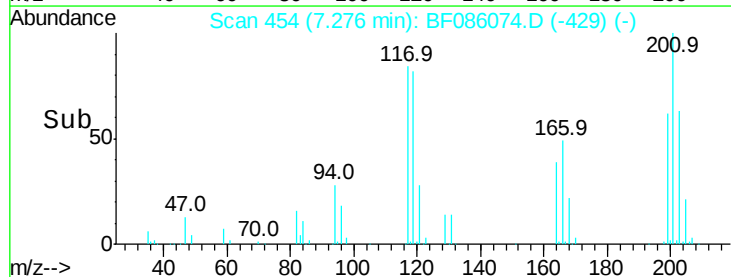
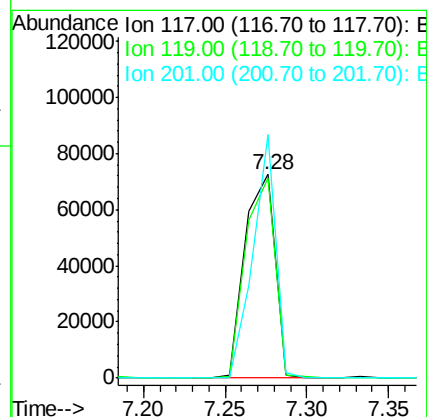
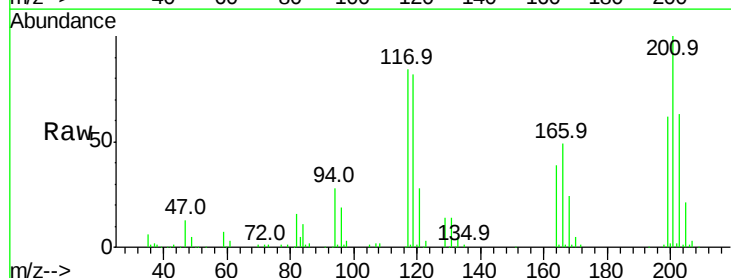
Manual Integrations
APPROVED

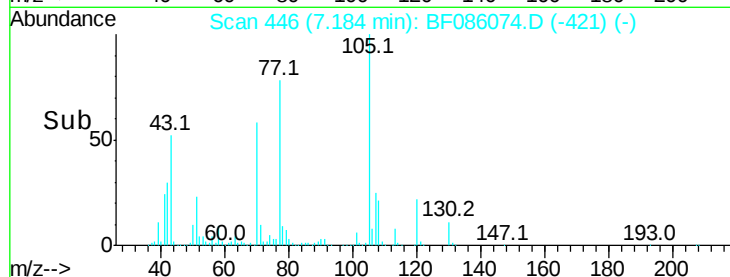
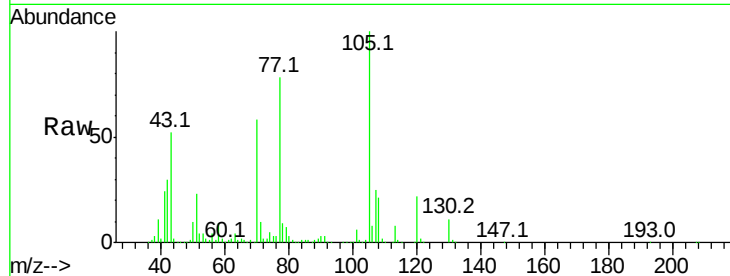
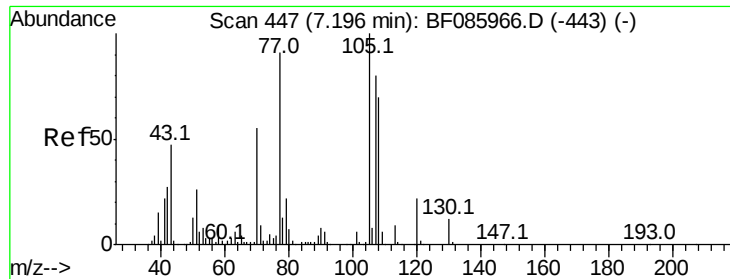
Sohil
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#18
Hexachloroethane
Concen: 29.86 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	76.7	115.1	
201	119.5	83.3	124.9	





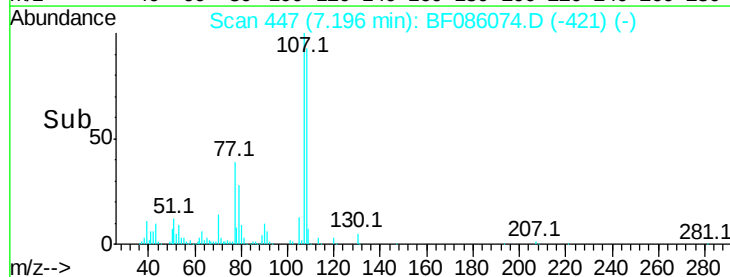
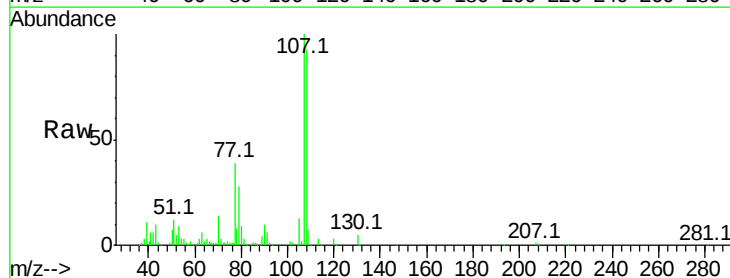
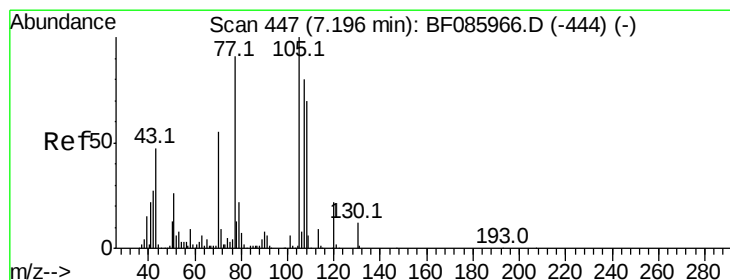
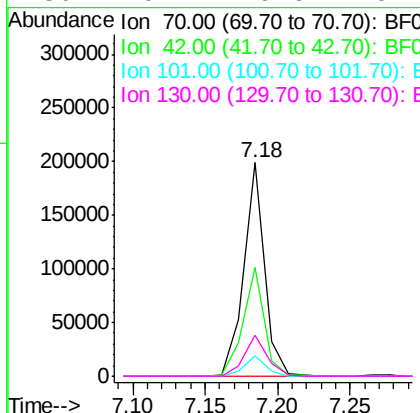
#19
n-Nitroso-di-n-propylamine
Concen: 39.18 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.2	37.1	55.7
101	9.6	8.6	12.8
130	19.2	19.6	29.4#

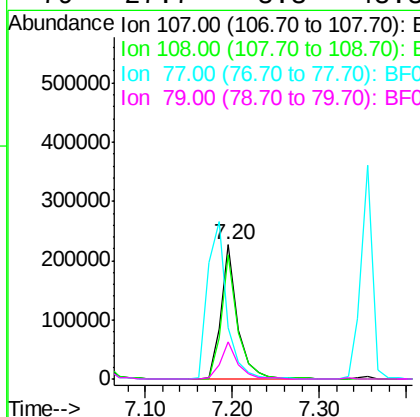
Manual Integrations
APPROVED

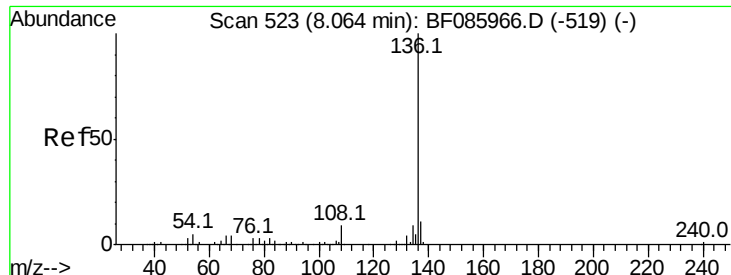
Sohil
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#20
3+4-Methylphenols
Concen: 40.92 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	69.3	109.3
77	38.6	101.7	141.7#
79	27.7	8.3	48.3





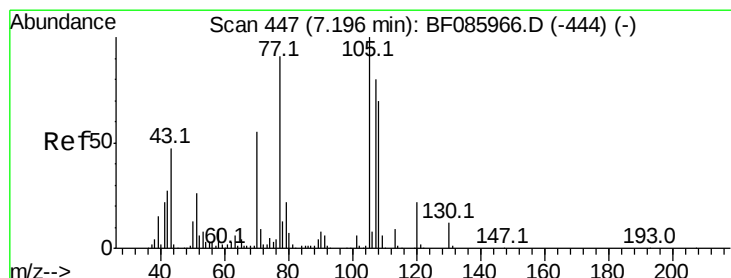
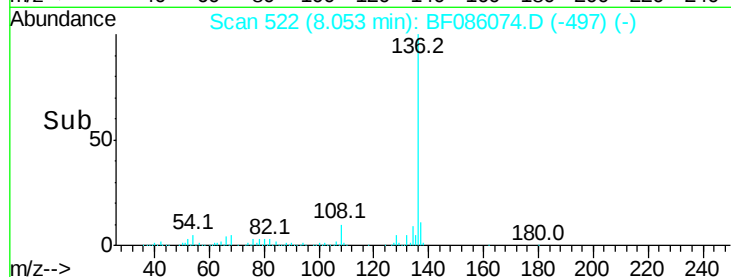
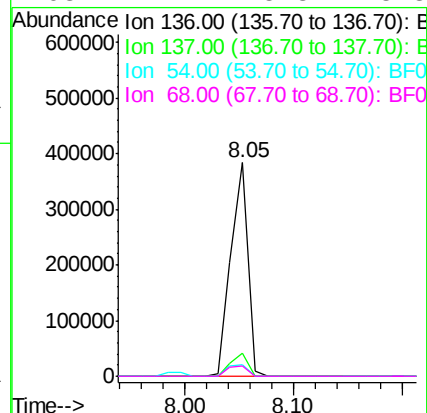
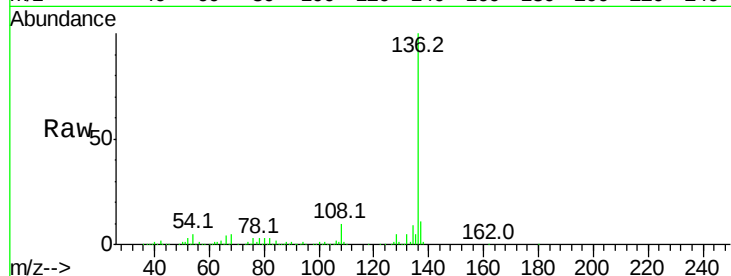
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	5.4	7.4	11.0	
68	4.7	5.8	8.8	

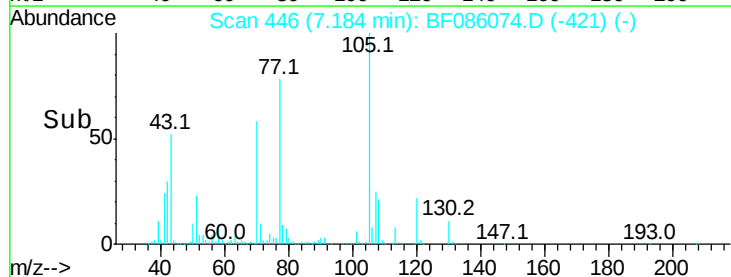
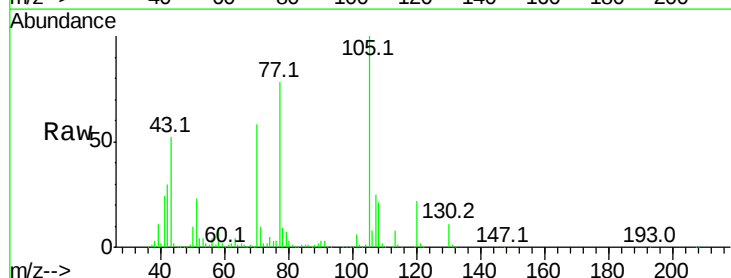
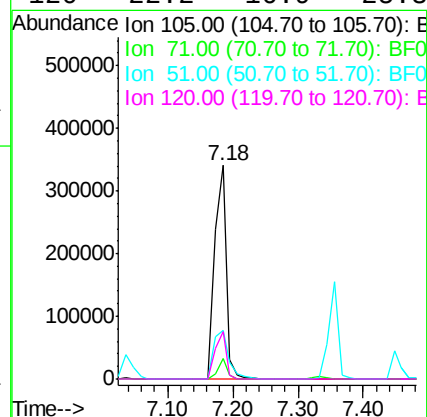
Manual Integrations
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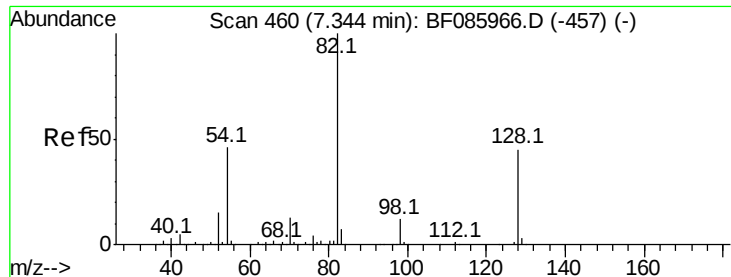
Sohil
4/5/2016 6:39:20 PM



#22
Acetophenone
Concen: 43.93 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.8	3.6	5.4	
51	22.8	25.4	38.0	
120	22.2	16.9	25.3	





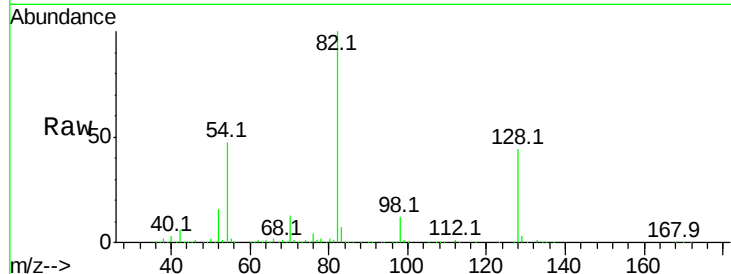
#23
Nitrobenzene-d5
Concen: 82.51 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampled :
WC-1MS

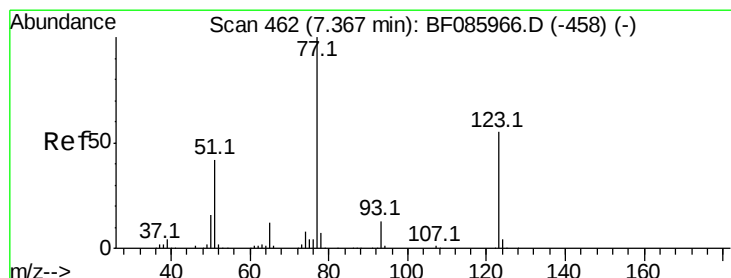
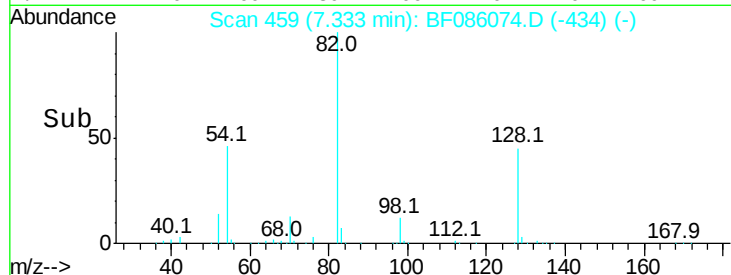
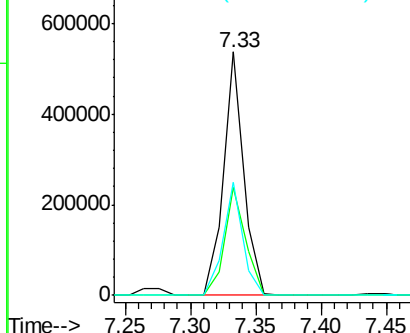
Tot Ion	Ratio	Resp	Lower	Upper
82	100	579632		
128	44.5	41.8	62.8	
54	46.5	33.4	50.0	

Manual Integrations
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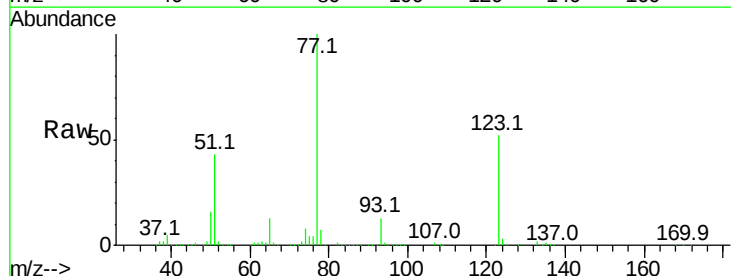


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

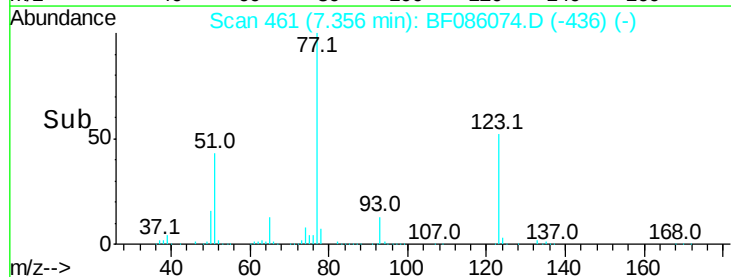
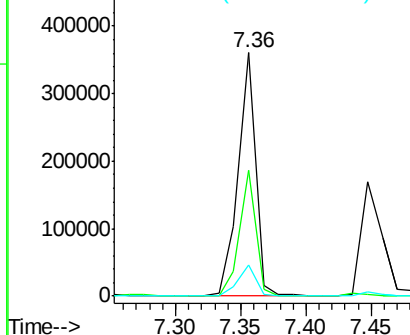


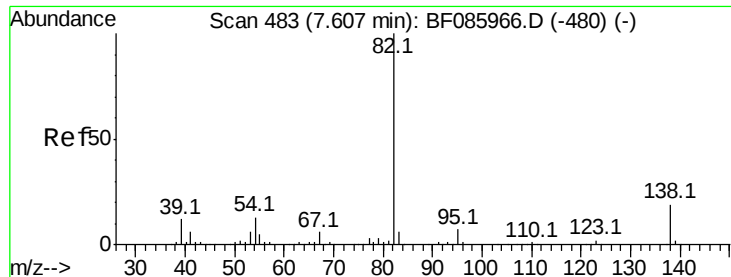
#24
Nitrobenzene
Concen: 43.35 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	333193		
123	51.7	35.0	52.4	
65	12.6	10.6	16.0	



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





#25

Isophorone

Concen: 42.06 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

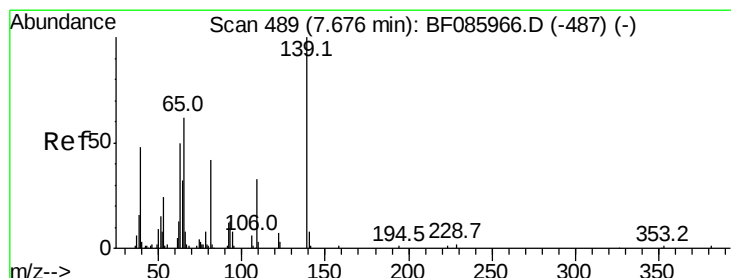
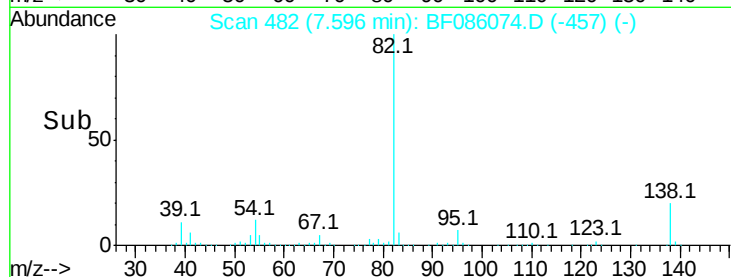
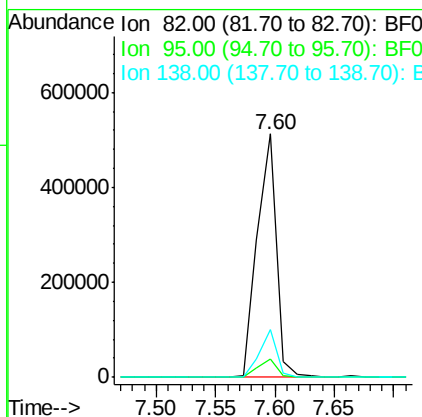
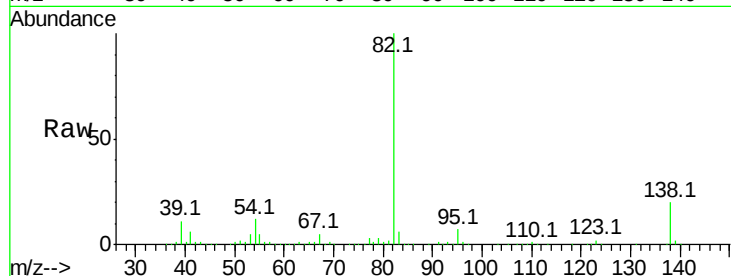
ClientSampleId :

WC-1MS

Tot Ion:	82	Resp:	583230
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	19.7	12.9	19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.25 ng

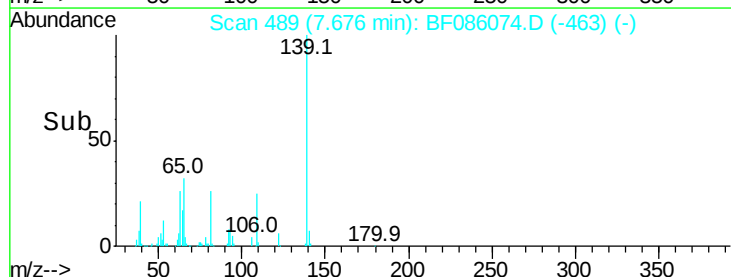
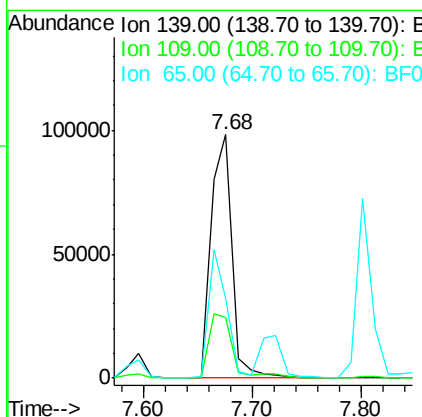
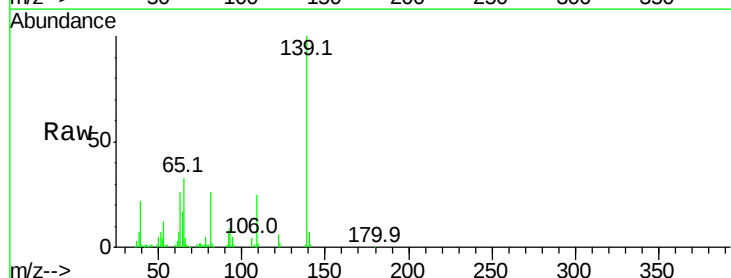
RT: 7.68 min Scan# 489

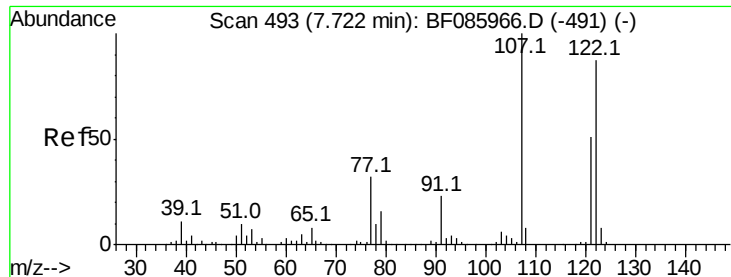
Delta R.T. -0.00 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	139	Resp:	133292
Ion Ratio	Lower	Upper	
139	100		
109	24.7	22.1	33.1
65	33.0	33.9	50.9#





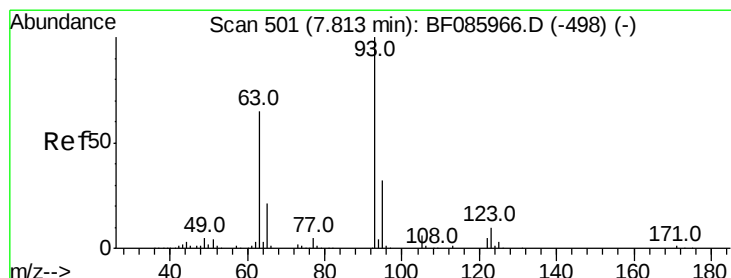
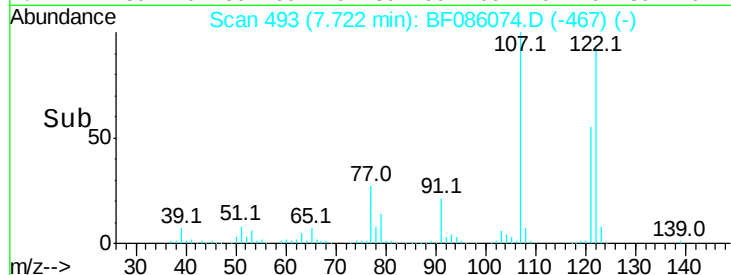
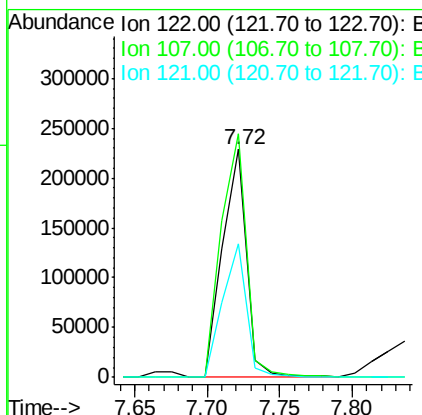
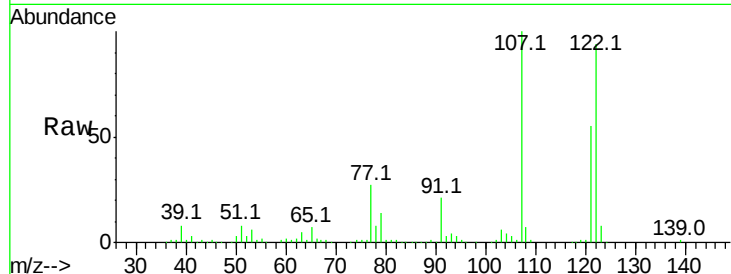
#27
 2,4-Dimethylphenol
 Concen: 39.65 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	261870		
107	106.9	93.0	139.6	
121	58.6	45.9	68.9	

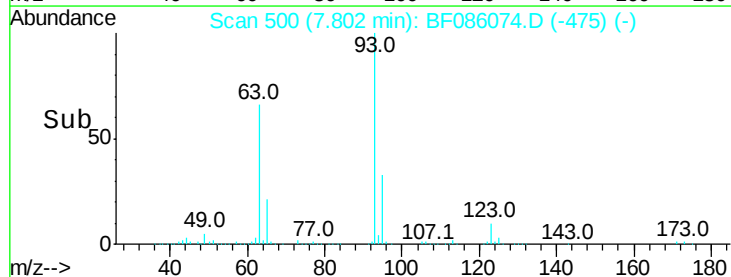
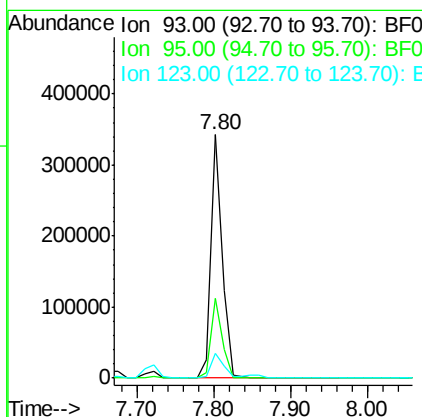
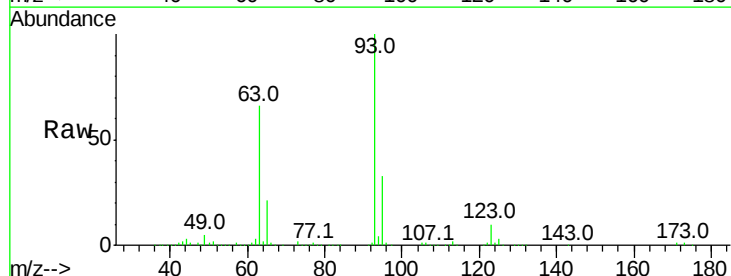
Manual Integrations
 APPROVED

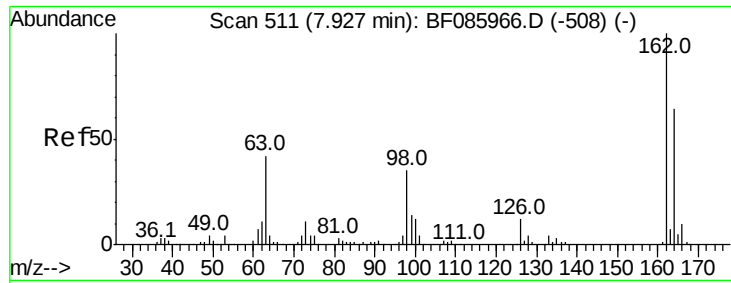
Sohil
 4/5/2016 6:39:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.33 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	344400		
95	32.8	26.4	39.6	
123	10.4	9.8	14.6	





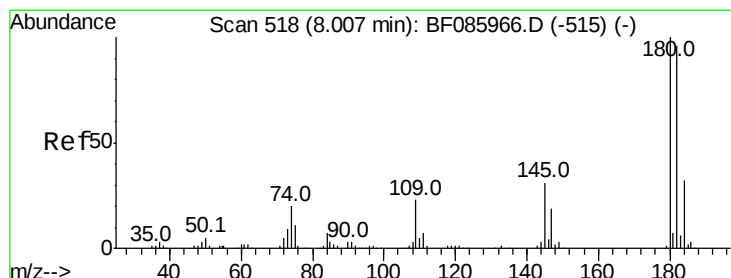
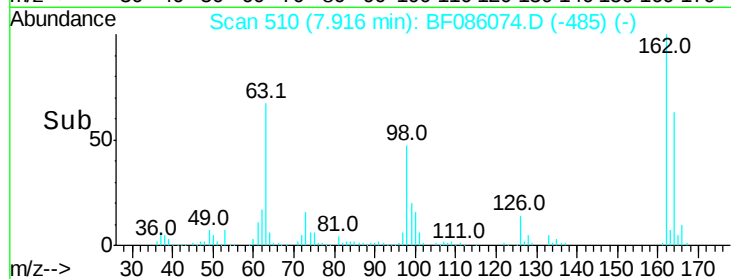
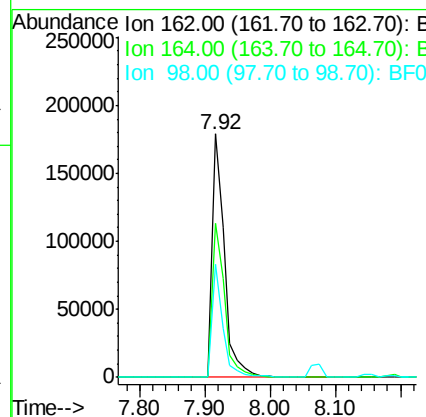
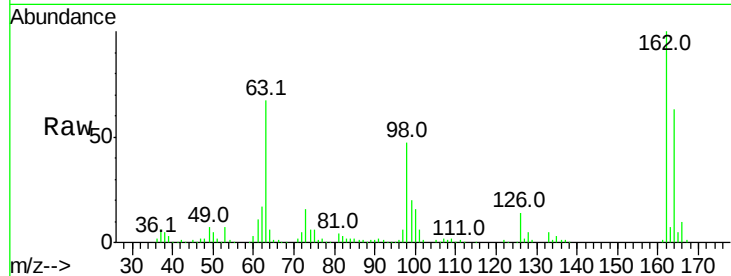
#29
 2,4-Dichlorophenol
 Concen: 42.19 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	235584		
164	63.3	43.7	83.7	
98	46.7	20.4	60.4	

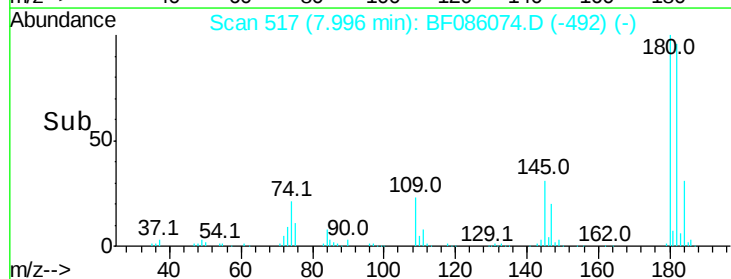
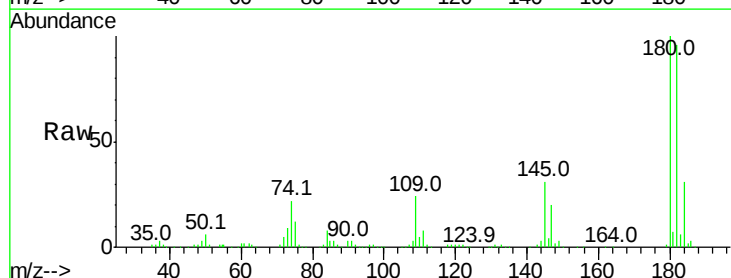
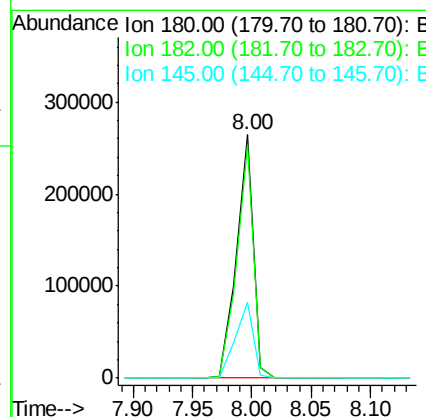
Manual Integrations
 APPROVED

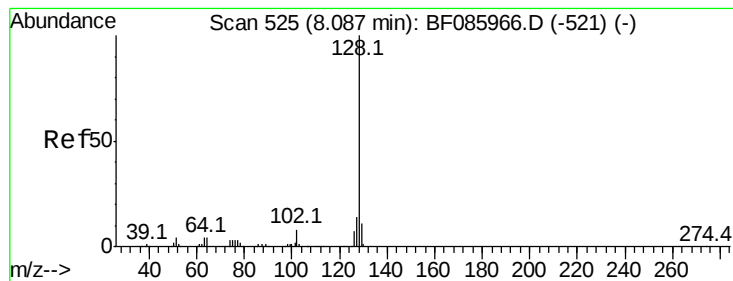
Sohil
 4/5/2016 6:39:20 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.49 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	260007		
182	96.0	73.8	110.8	
145	31.3	28.4	42.6	





#31

Naphthalene

Concen: 44.87 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

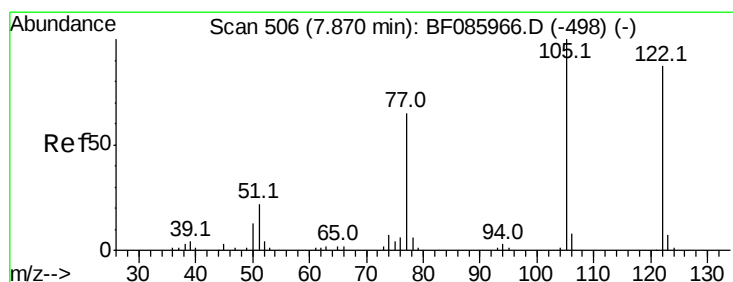
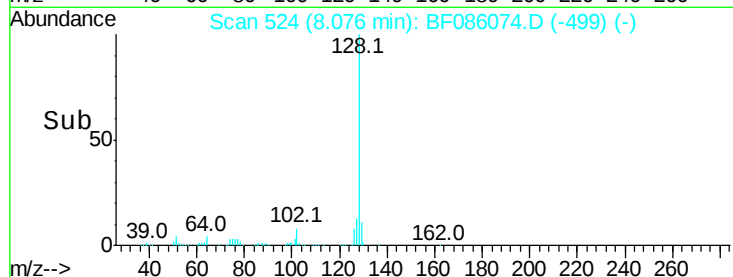
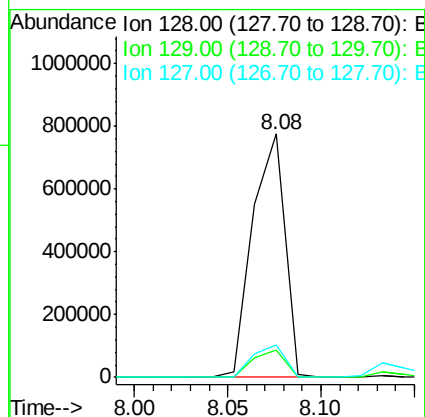
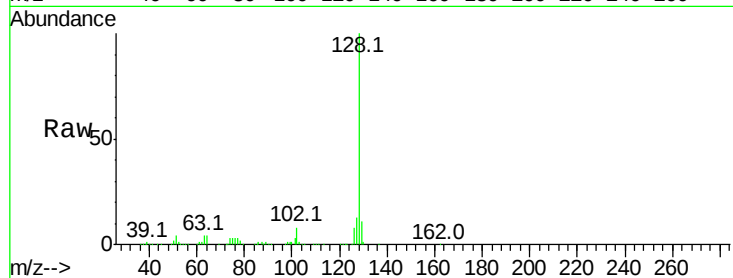
ClientSampled :

WC-1MS

Tot Ion:	128	Resp:	935087
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.4	14.0
127	13.3	11.0	16.6

Manual Integrations
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4/5/2016 6:39:20 PM



#32

Benzoic acid

Concen: 28.38 ng

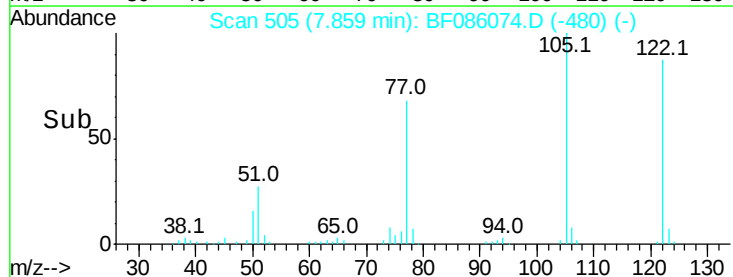
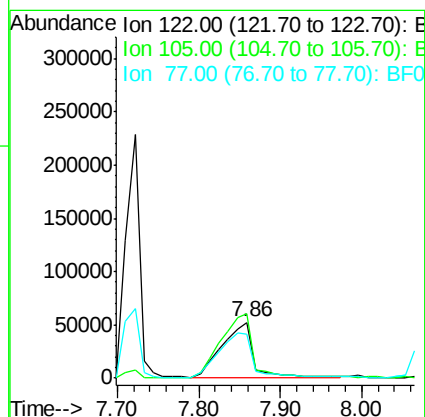
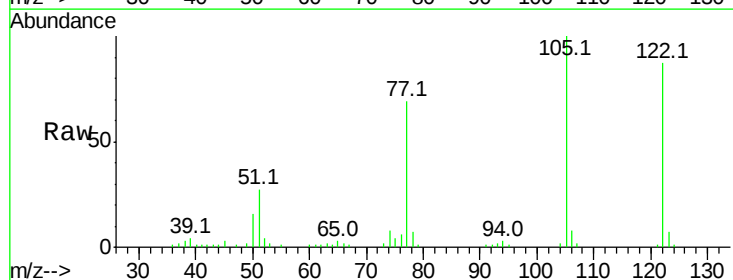
RT: 7.86 min Scan# 505

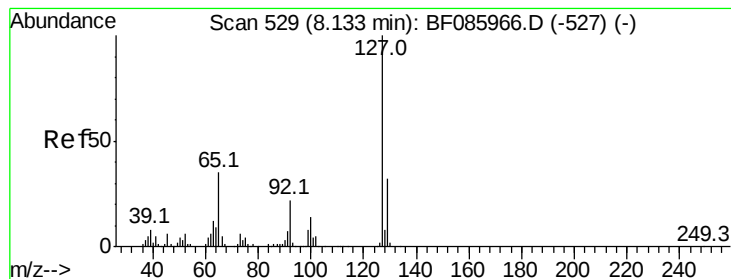
Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	122	Resp:	137530
Ion Ratio	Lower	Upper	
122	100		
105	115.3	102.9	142.9
77	79.6	71.8	111.8





#33

4-Chloroaniline

Concen: 9.93 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

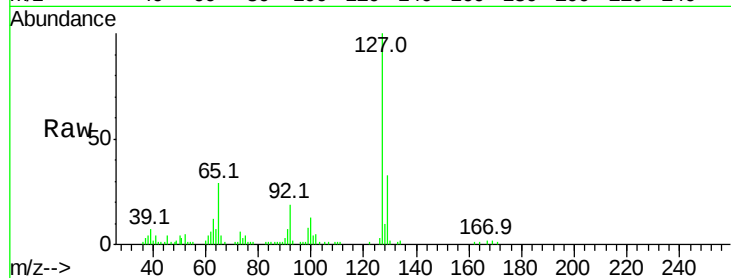
ClientSampleId :

WC-1MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	28.5	19.5	29.3
92	18.8	14.6	22.0

Manual Integrations
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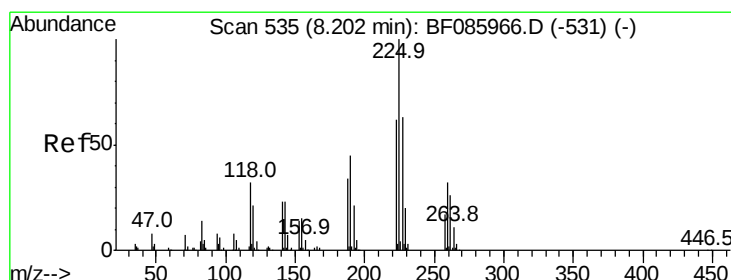
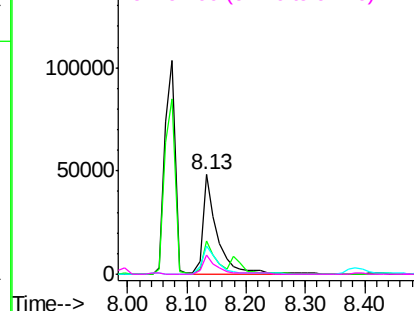
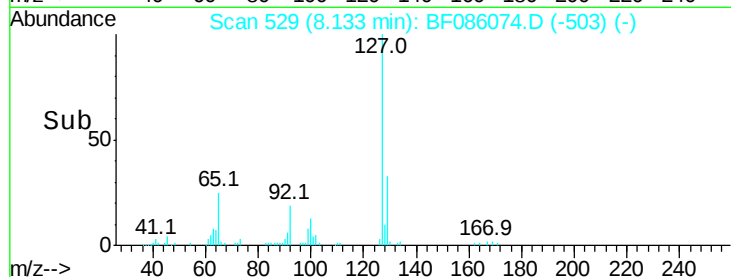
Abundance

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: 40.84 ng

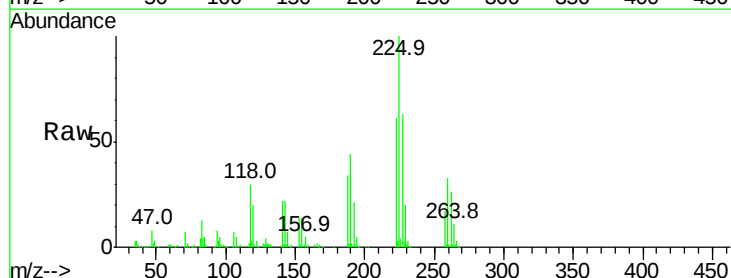
RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.4	75.6
227	63.0	51.4	77.2

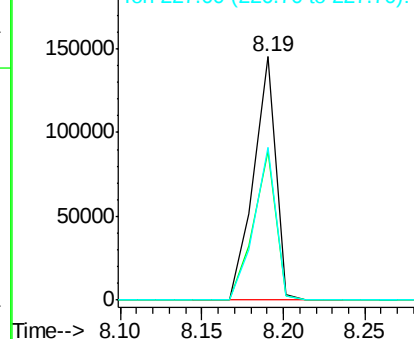
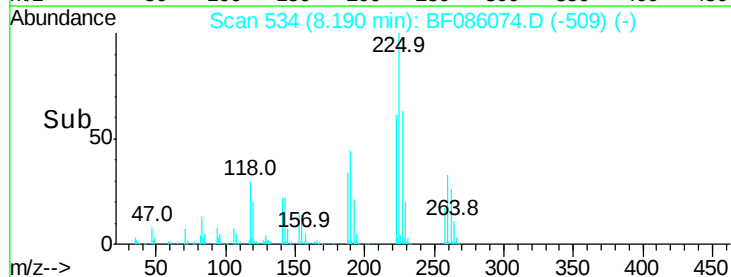


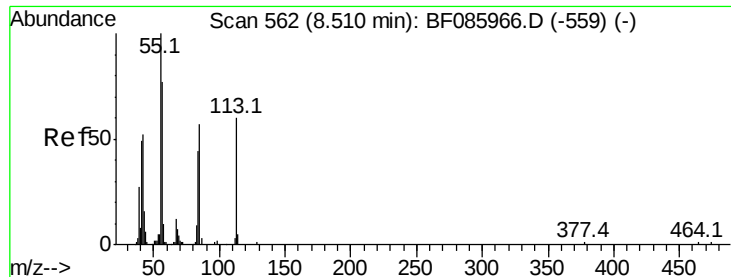
Abundance

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





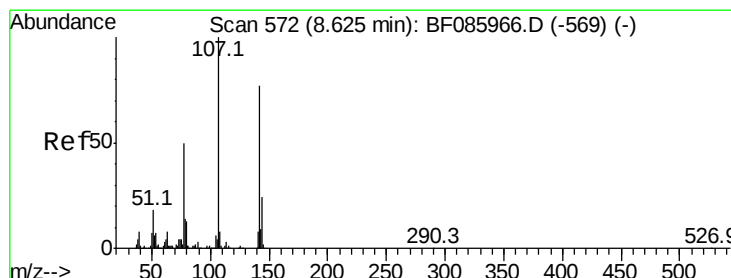
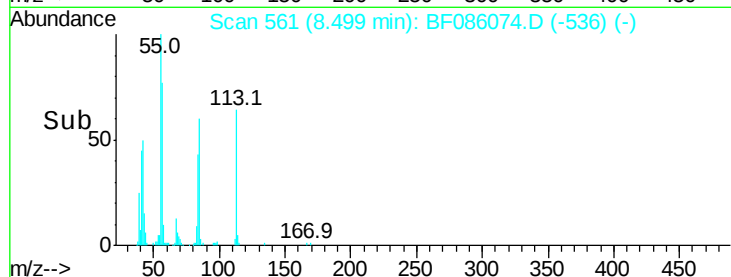
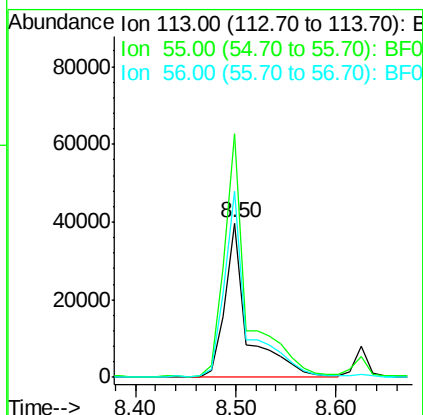
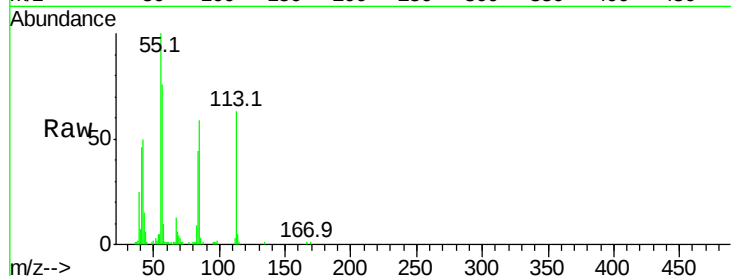
#35
 Caprolactam
 Concen: 35.82 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		63449		
55	158.1	139.4		179.4	
56	120.7	100.4		140.4	

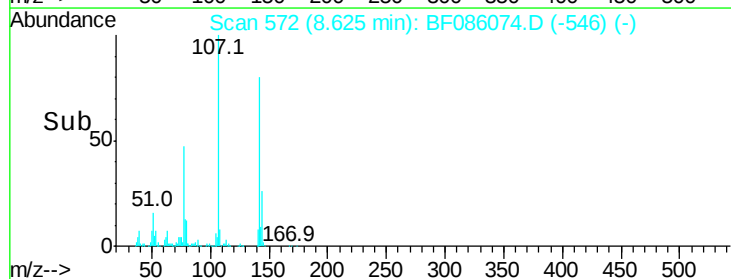
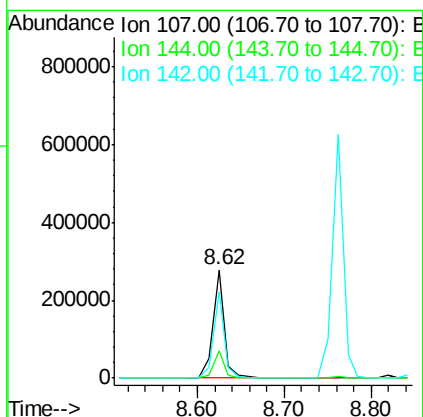
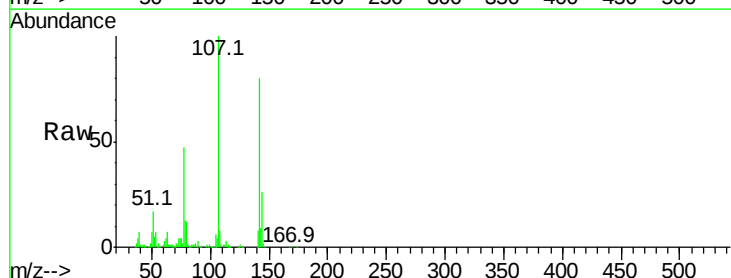
Manual Integrations
 APPROVED

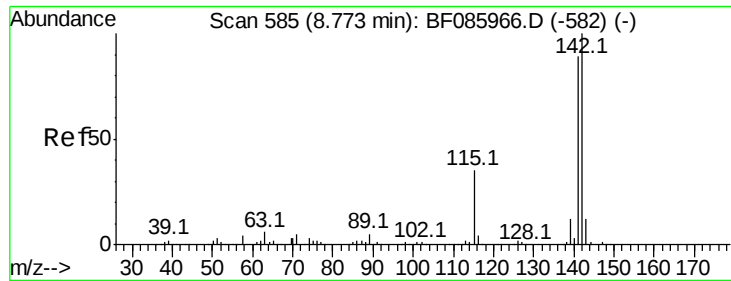
Sohil
 4/5/2016 6:39:20 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.88 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		256575		
144	25.7	19.3		28.9	
142	79.7	61.4		92.0	





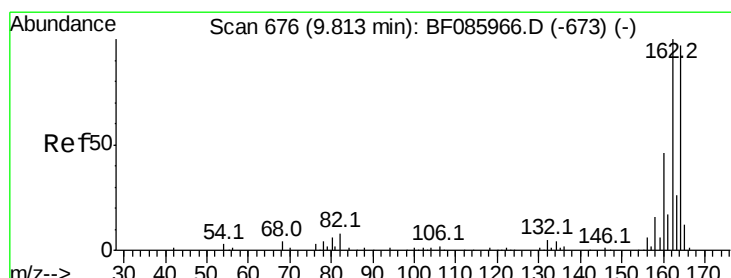
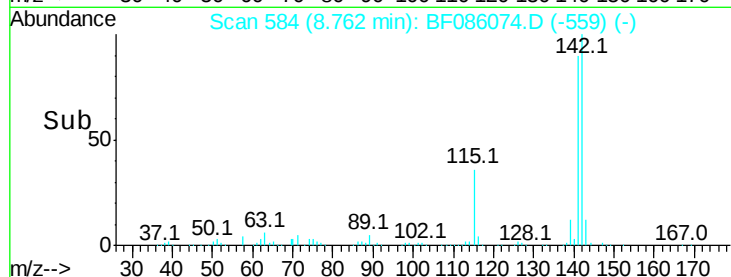
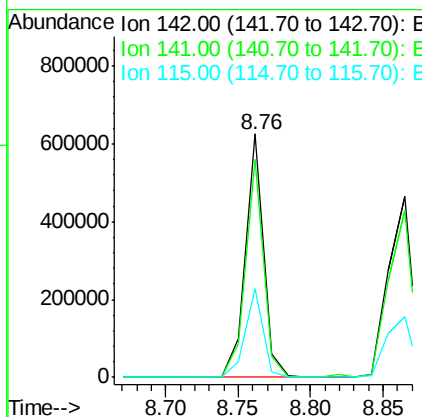
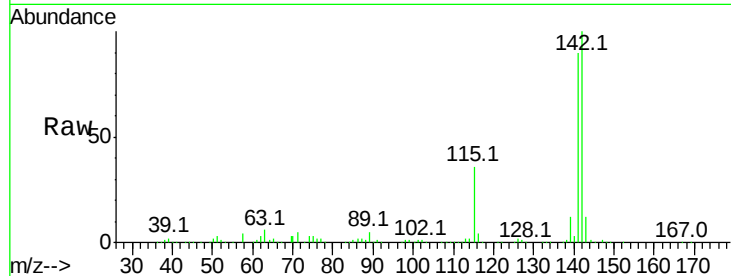
#37
 2-Methylnaphthalene
 Concen: 39.77 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	541463		
141	89.6	71.6	107.4	
115	36.3	26.8	40.2	

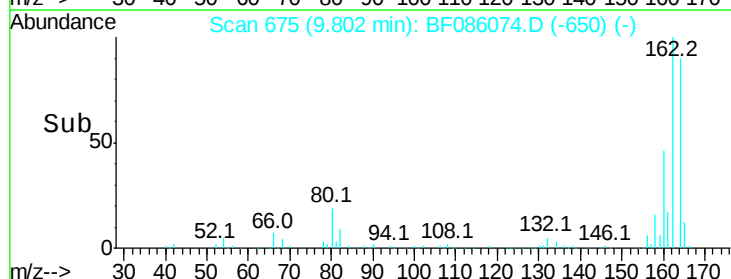
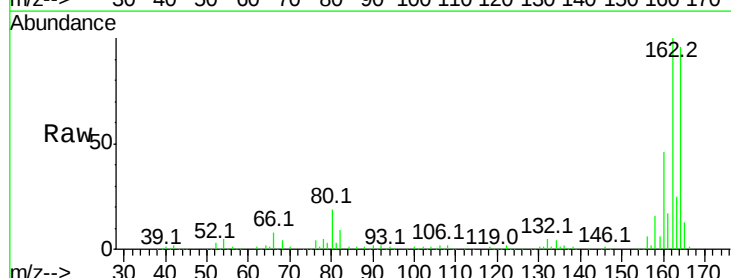
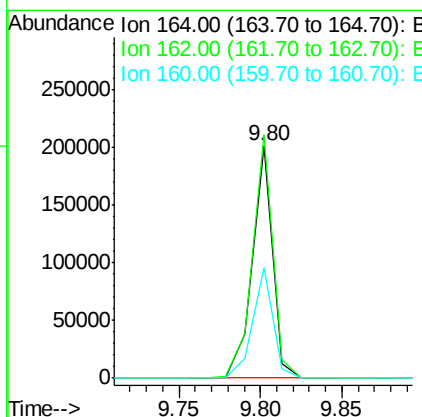
Manual Integrations
 APPROVED

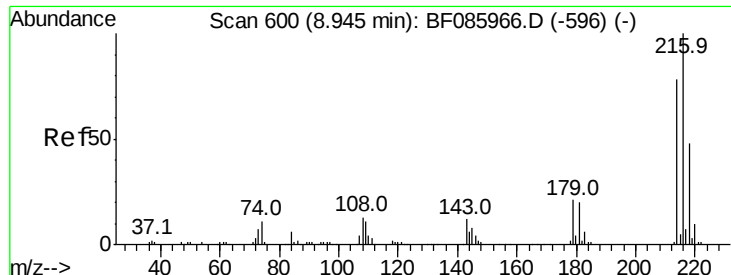
Sohil
 4/5/2016 6:39:20 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173817		
162	104.7	82.1	123.1	
160	47.6	37.4	56.2	





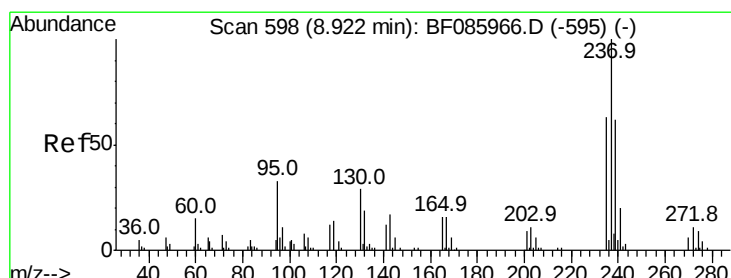
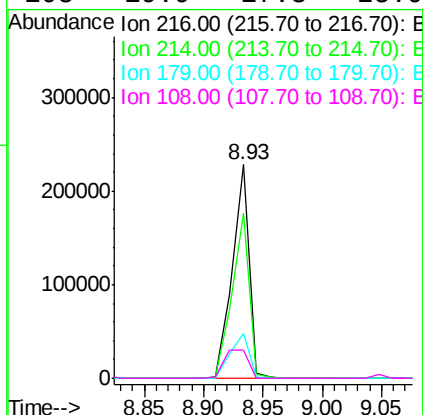
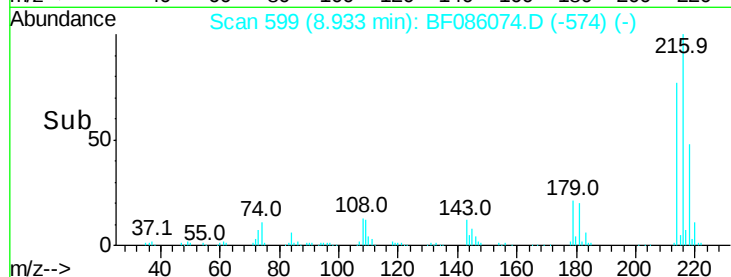
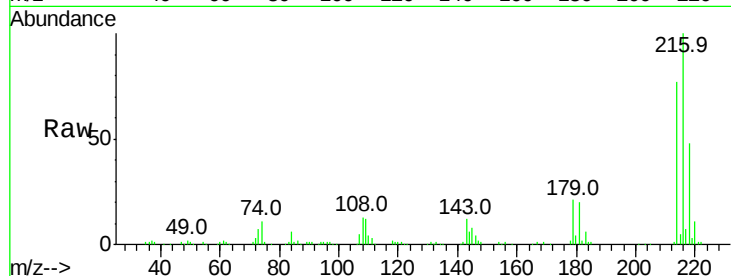
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.80 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	223591		
214	78.3	63.1	94.7	
179	23.0	18.2	27.2	
108	19.9	17.3	25.9	

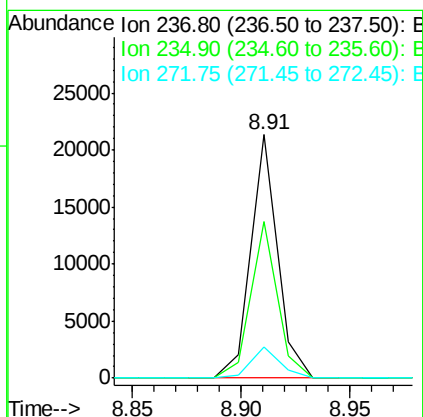
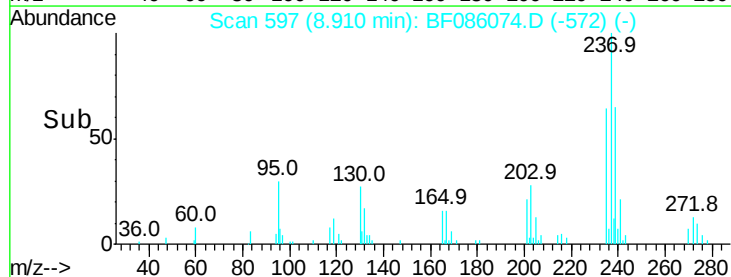
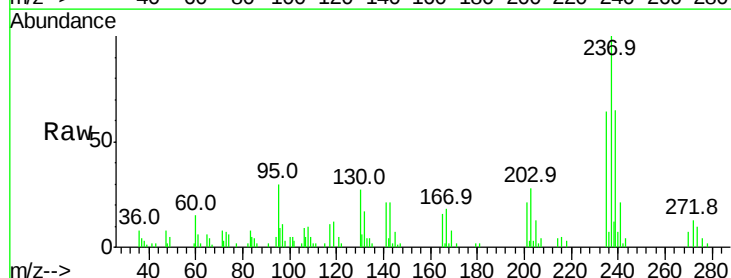
Manual Integrations
 APPROVED

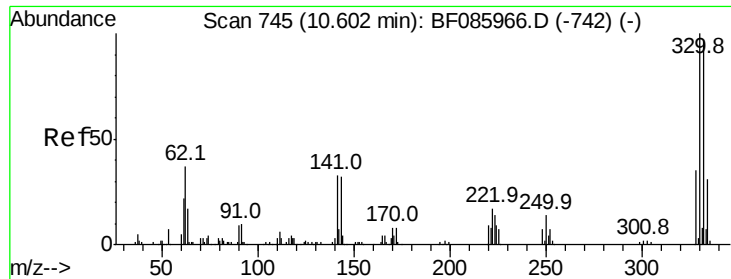
Sohil
 4/5/2016 6:39:20 PM



#40
 Hexachlorocyclopentadiene
 Concen: 17.60 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	18188		
235	64.1	43.7	83.7	
272	12.9	0.0	31.9	





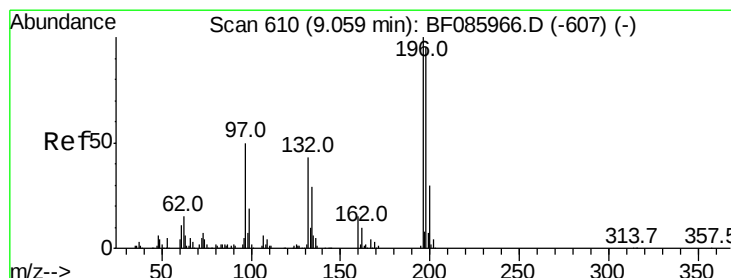
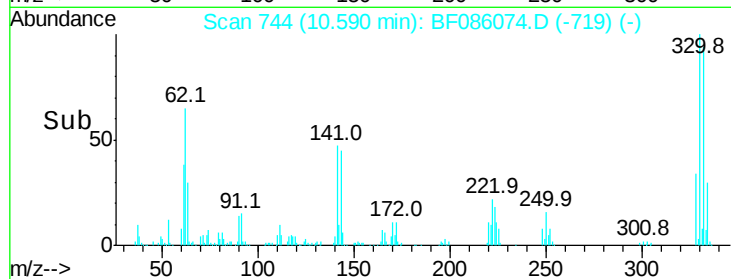
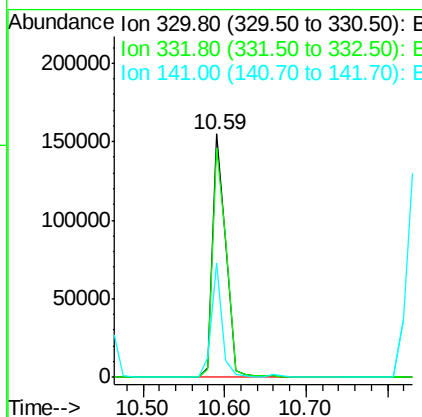
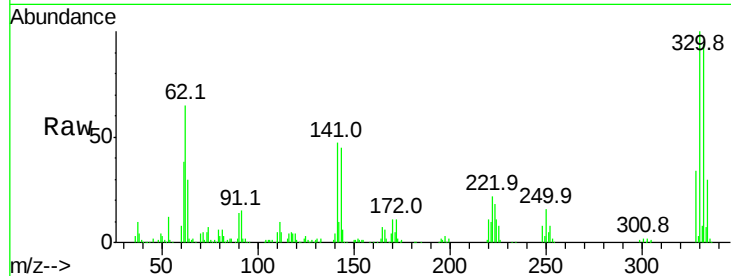
#41
 2,4,6-Tribromophenol
 Concen: 109.34 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	178384		
332	96.7	78.2	117.2	
141	38.3	31.5	47.3	

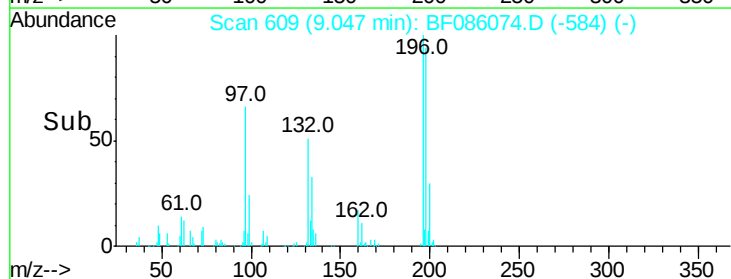
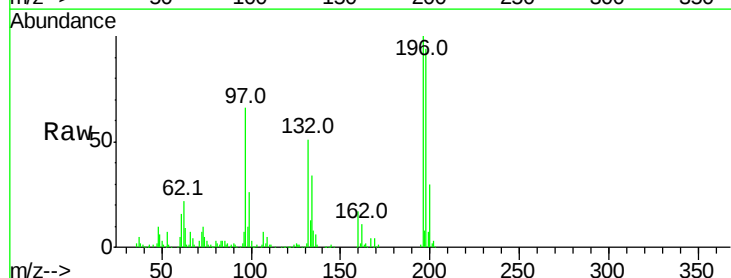
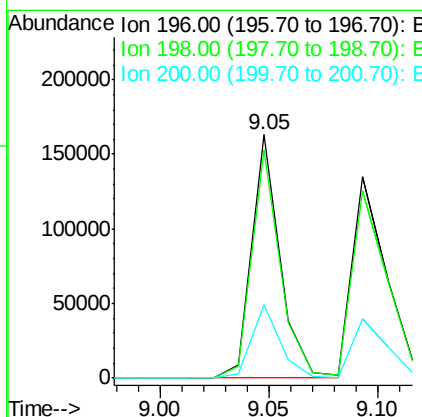
Manual Integrations
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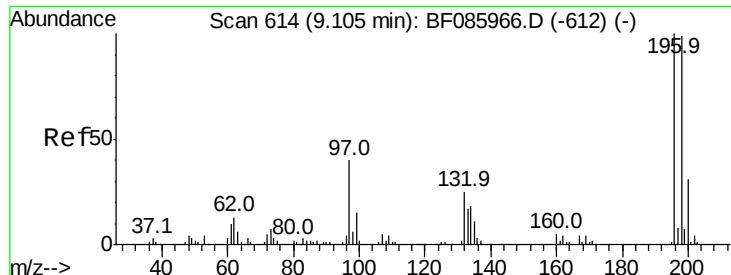
Sohil
 4/5/2016 6:39:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.18 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148219		
198	93.9	75.3	112.9	
200	30.0	23.7	35.5	





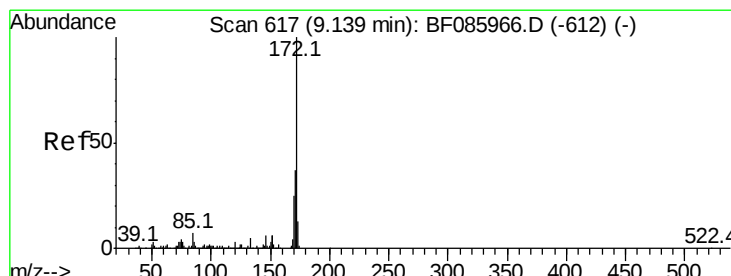
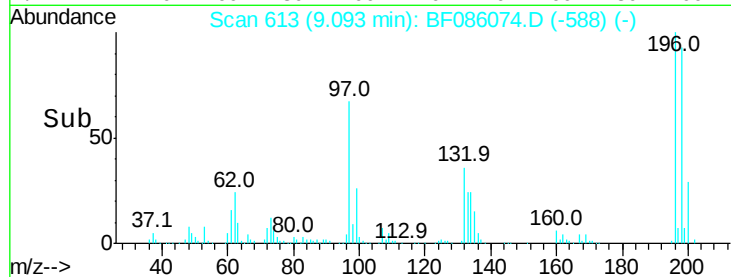
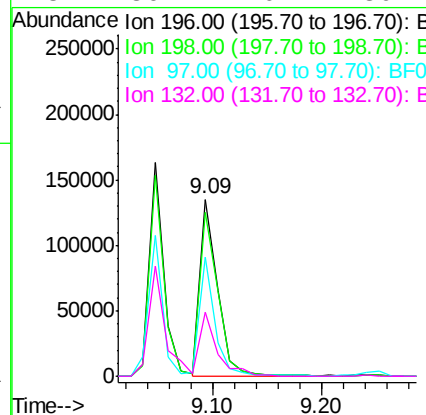
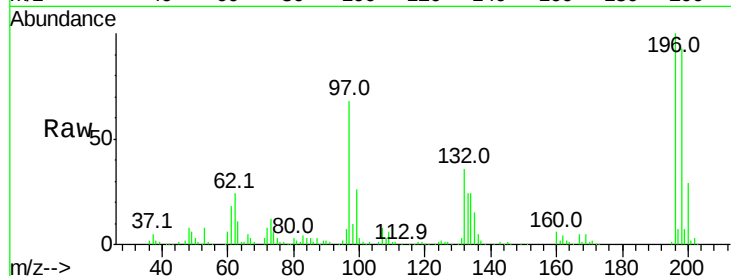
#43
 2,4,5-Trichlorophenol
 Concen: 44.51 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleID :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151588		
198	93.0	76.6	114.8	
97	67.6	30.5	45.7	#
132	36.2	20.2	30.2	#

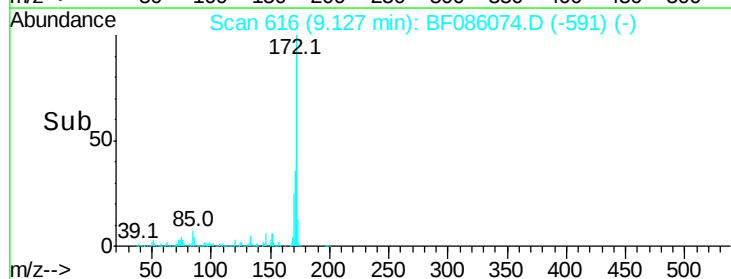
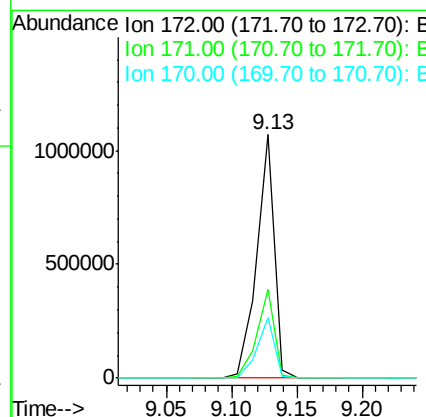
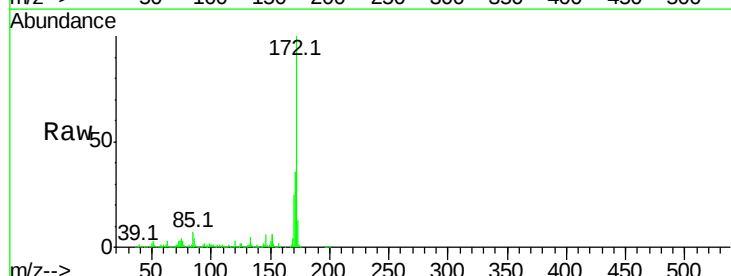
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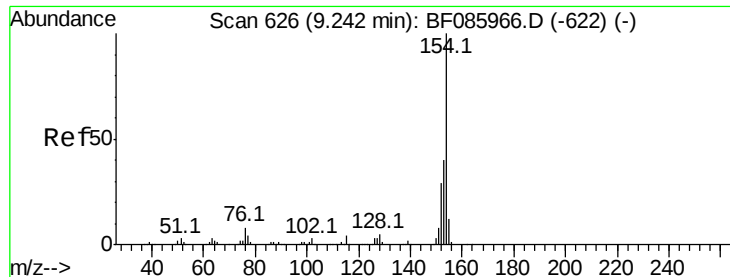
Sohil
 4/5/2016 6:39:20 PM



#44
 2-Fluorobiphenyl
 Concen: 96.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1006795		
171	36.5	29.4	44.2	
170	24.8	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 43.26 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

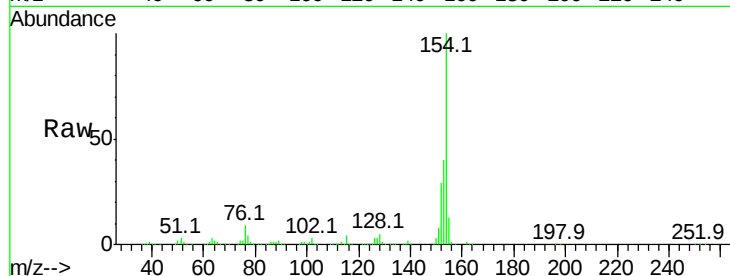
ClientSampleId :

WC-1MS

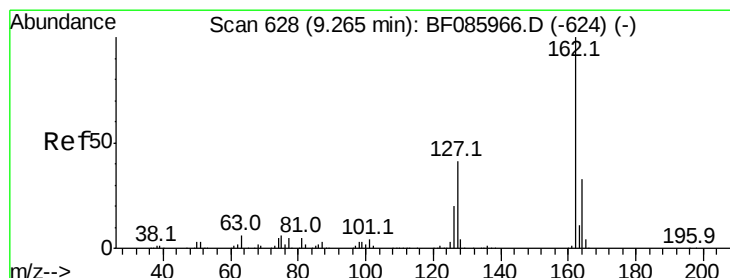
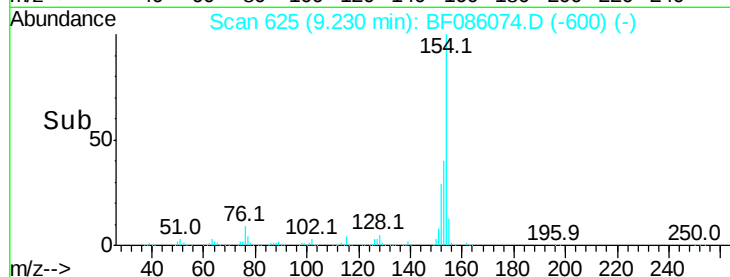
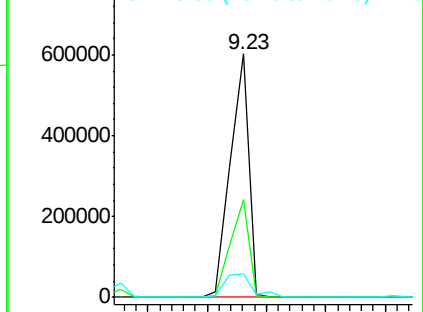
Tot Ion:	154	Resp:	648287
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.8	60.8
76	9.4	0.0	36.7

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



#46

2-Chloronaphthalene

Concen: 44.73 ng

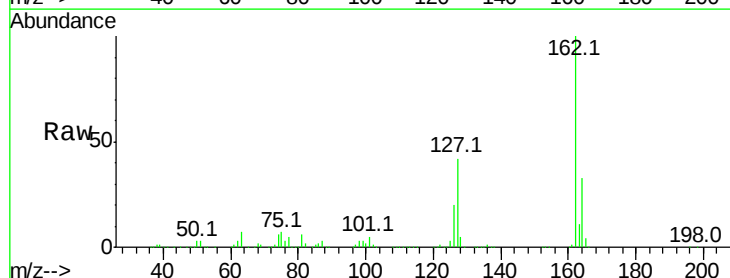
RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

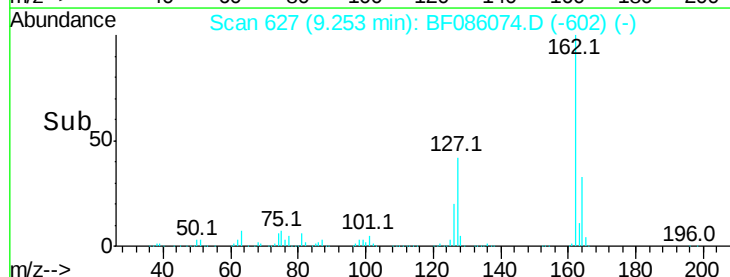
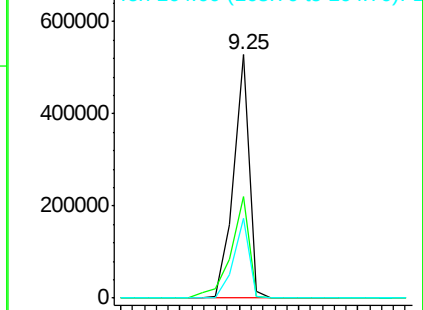
Lab File: BF086074.D

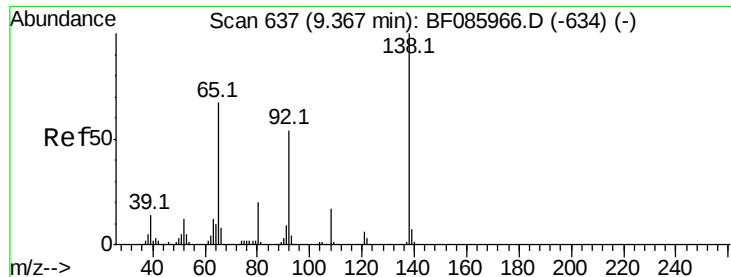
Acq: 5 Apr 2016 9:43

Tgt Ion:	162	Resp:	486000
Ion Ratio	Lower	Upper	
162	100		
127	41.9	31.7	47.5
164	32.8	27.3	40.9



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





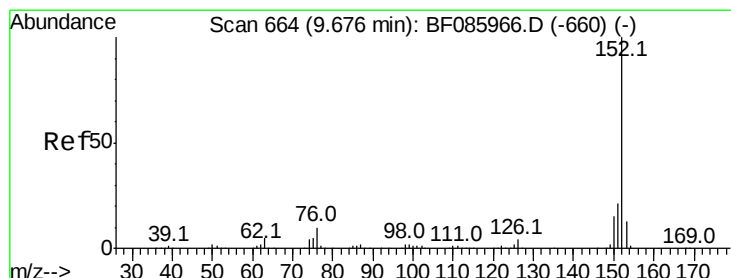
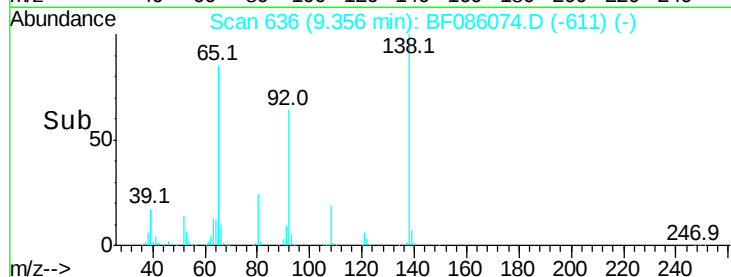
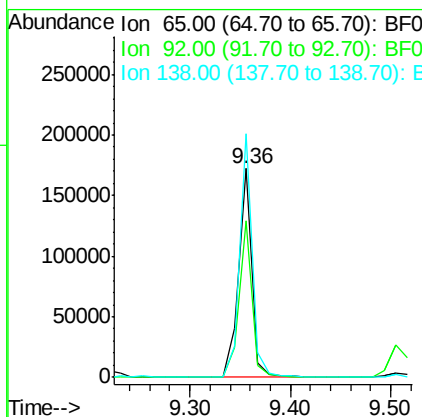
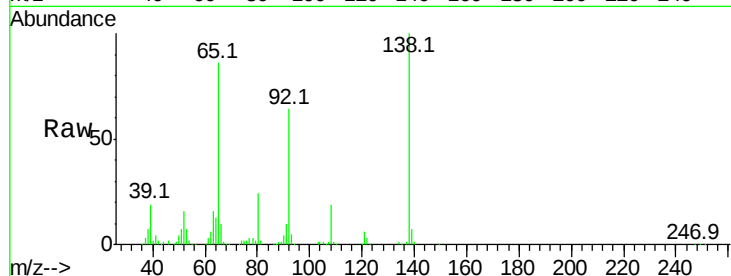
#47
2-Nitroaniline
Concen: 50.32 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.8	59.7	89.5
138	116.6	91.4	137.0

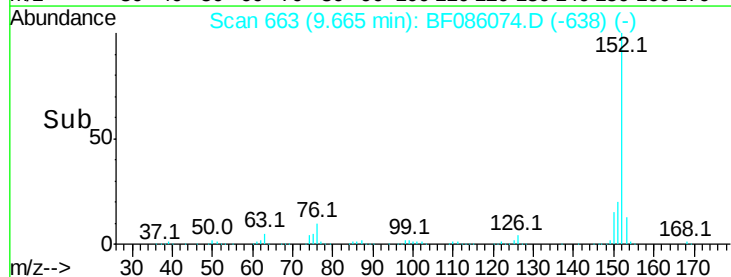
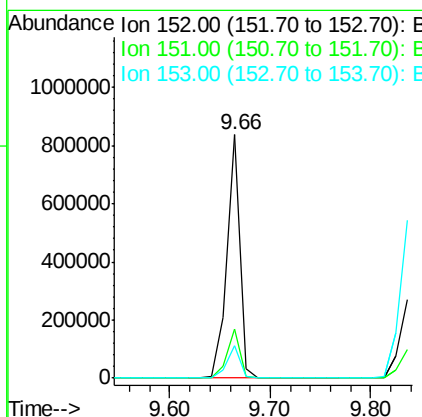
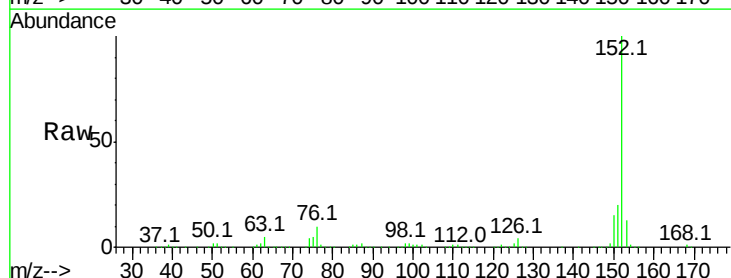
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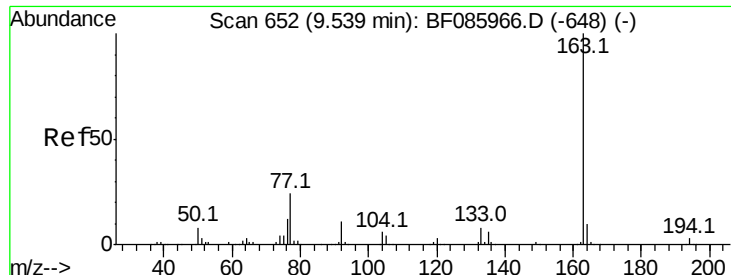
Sohil
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#48
Acenaphthylene
Concen: 42.94 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.4	10.9	16.3





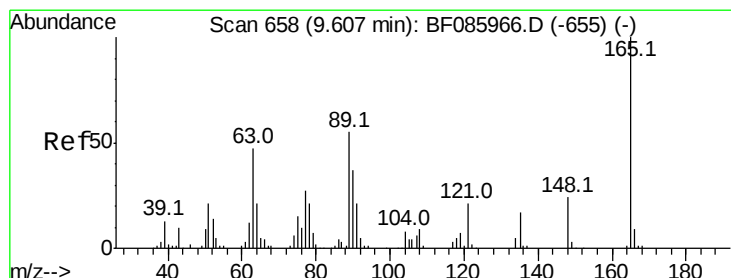
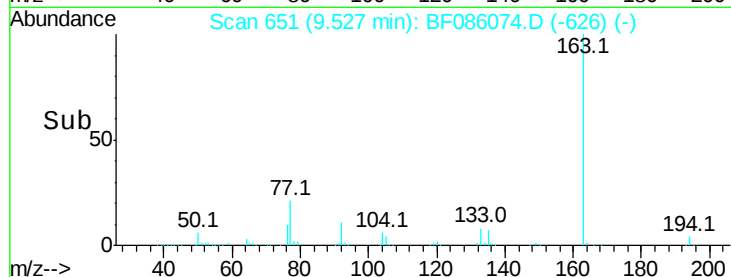
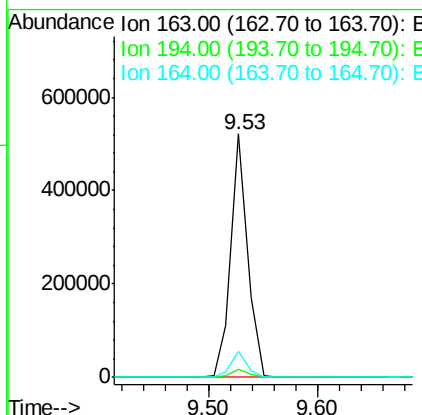
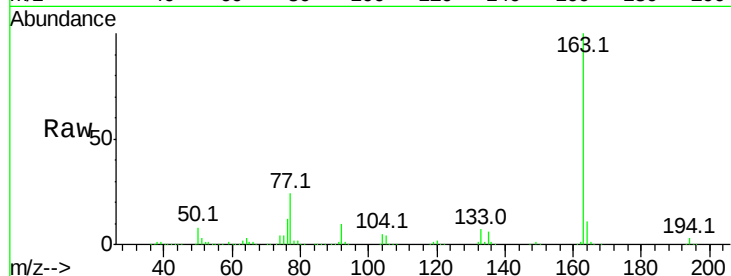
#49
Dimethylphthalate
Concen: 43.14 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	555741		
194	3.5		2.9	4.3
164	10.6		8.3	12.5

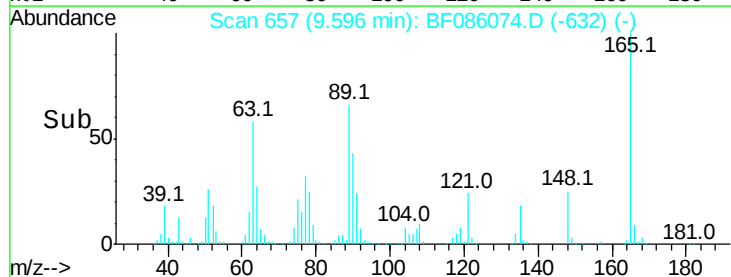
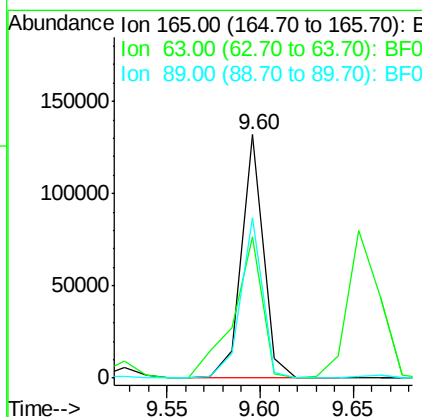
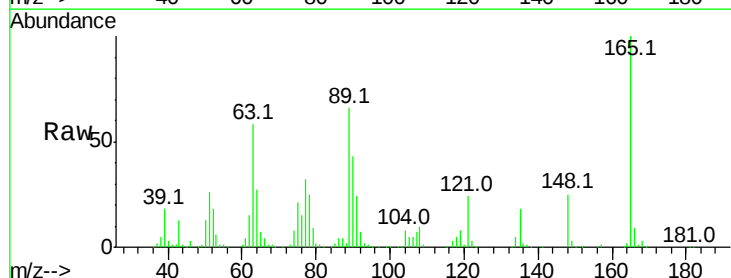
Manual Integrations
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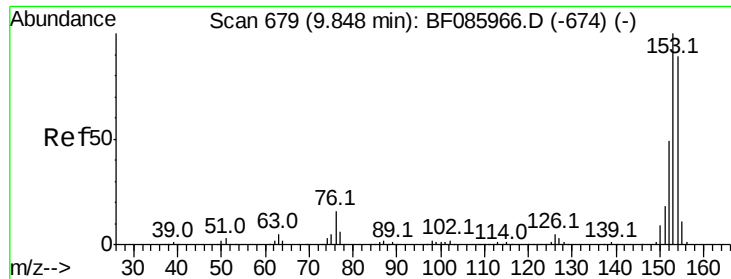
Sohil
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#50
2,6-Dinitrotoluene
Concen: 39.96 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	108923		
63	58.2		51.8	77.8
89	65.7		53.7	80.5





#51

Acenaphthene

Concen: 42.85 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

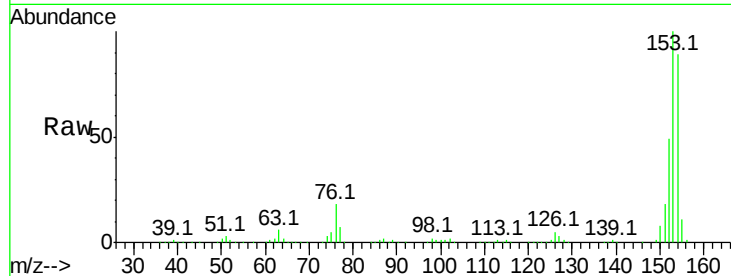
ClientSampled :

WC-1MS

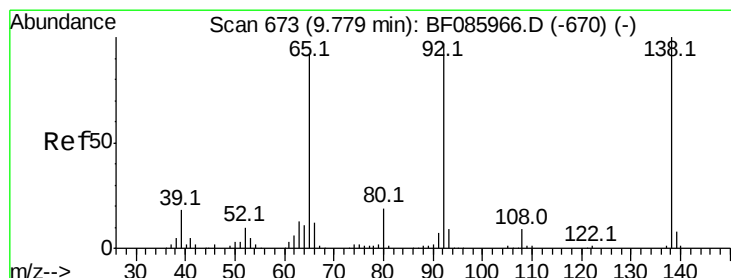
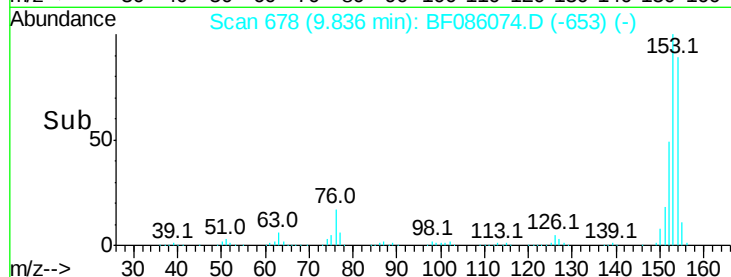
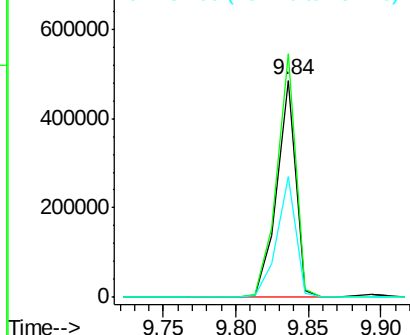
Tot Ion:	154	Resp:	443551
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.1	135.1
152	55.4	44.2	66.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.15 ng

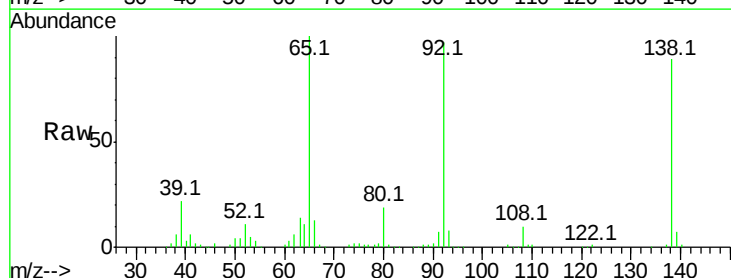
RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

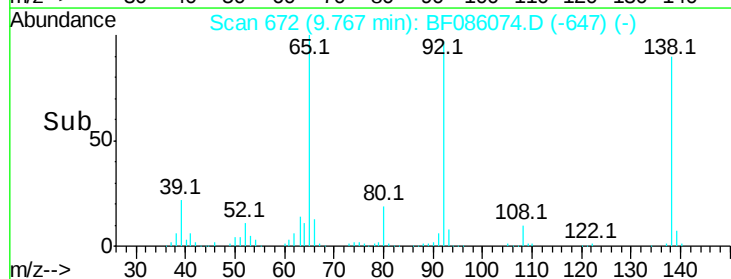
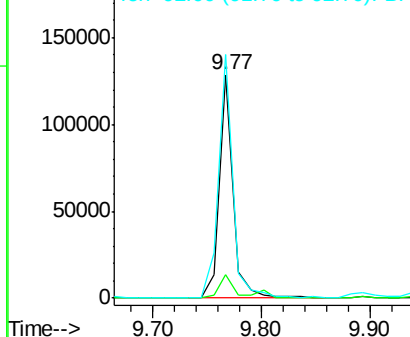
Lab File: BF086074.D

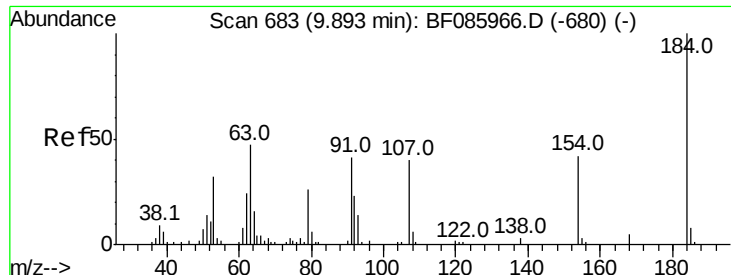
Acq: 5 Apr 2016 9:43

Tgt Ion:	138	Resp:	115487
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.7	13.1
92	108.9	93.3	139.9



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): BF0





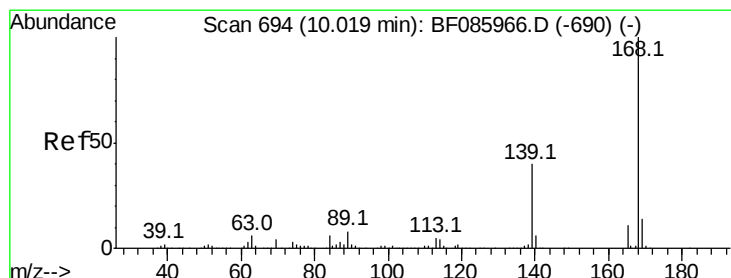
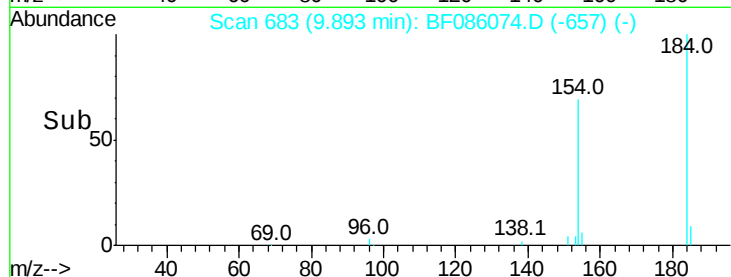
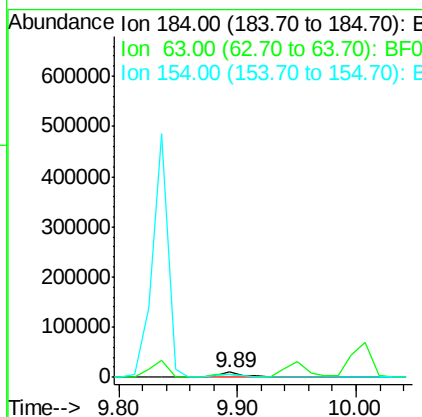
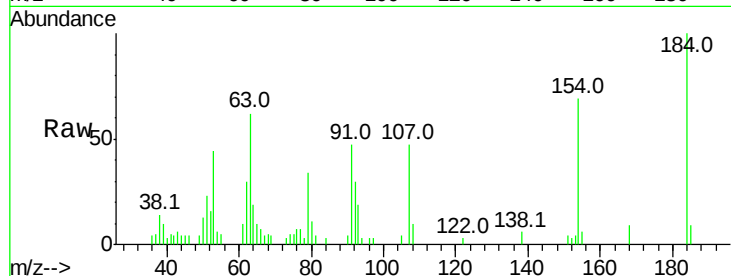
#53
 2,4-Dinitrophenol
 Concen: 17.28 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	17329		
63	62.0		69.5	104.3#
154	68.6		58.3	87.5

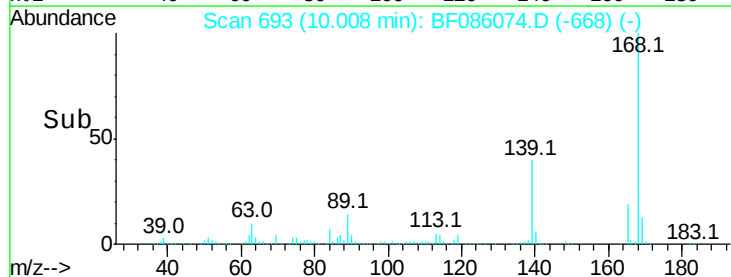
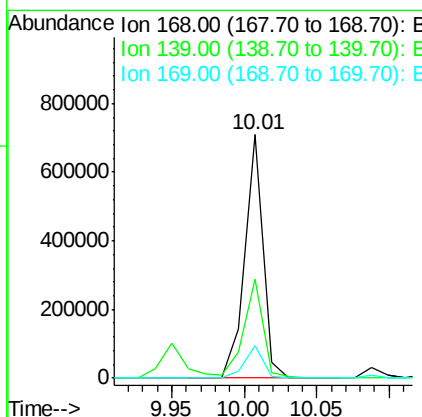
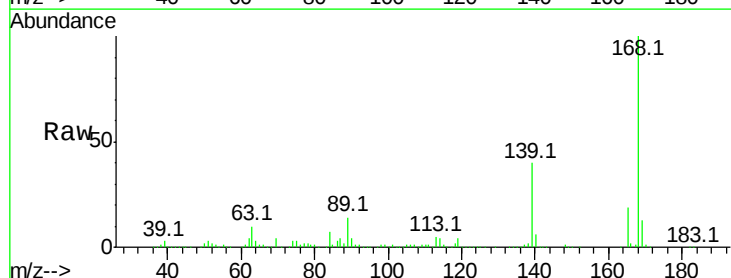
Manual Integrations
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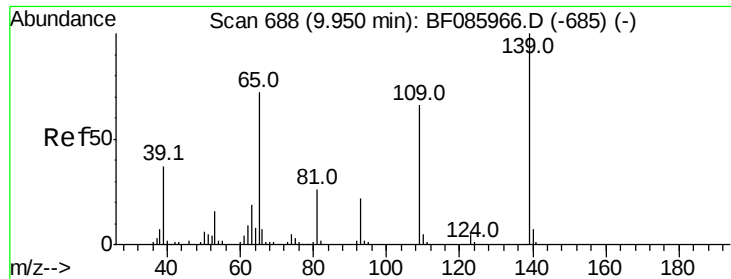
Sohil
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#54
 Dibenzofuran
 Concen: 45.41 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	620780		
139	40.5		31.9	47.9
169	13.4		11.0	16.6





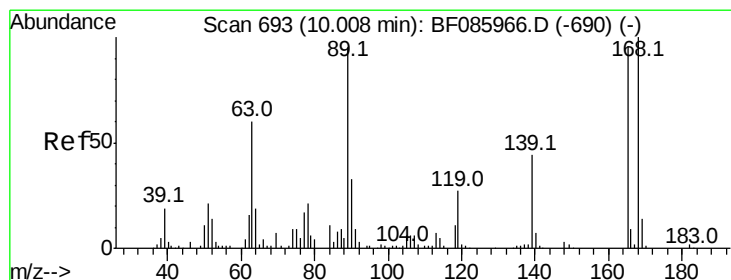
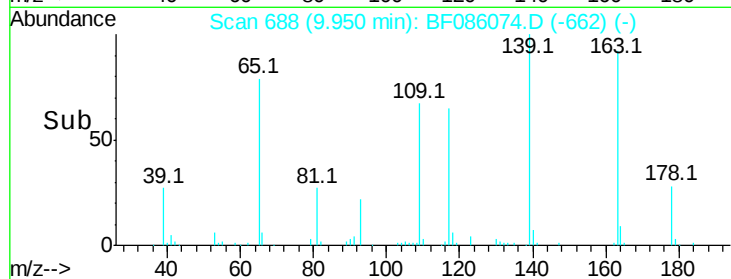
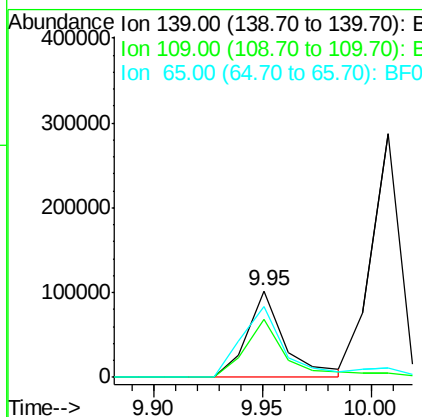
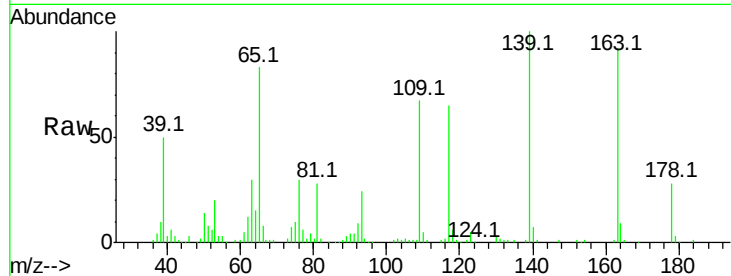
#55
4-Nitrophenol
Concen: 62.81 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	121633		
109	67.4	49.2	89.2	
65	82.7	66.9	106.9	

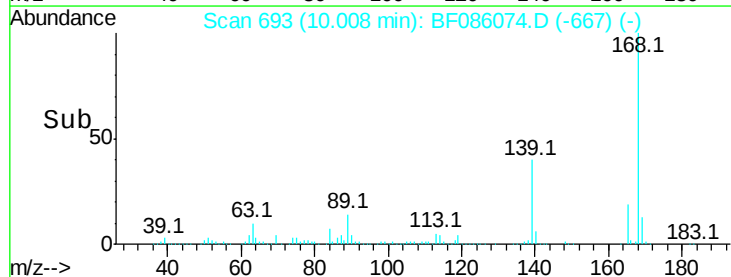
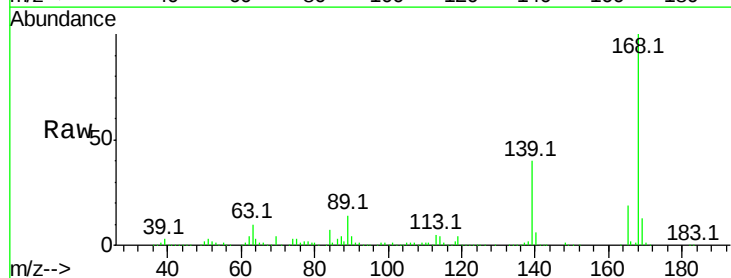
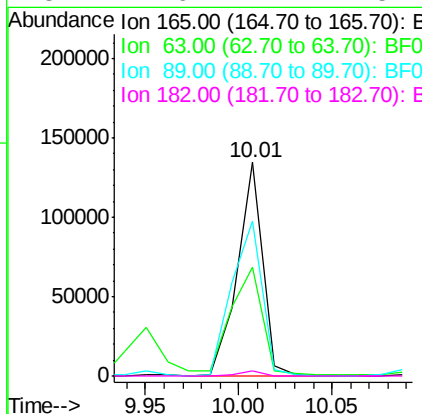
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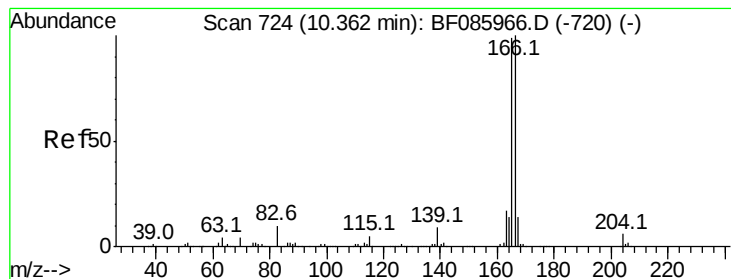
Sohil
4/5/2016 6:39:20 PM



#56
2,4-Dinitrotoluene
Concen: 36.88 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	127033		
63	51.1	24.9	37.3#	
89	72.3	41.0	61.6#	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 41.62 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

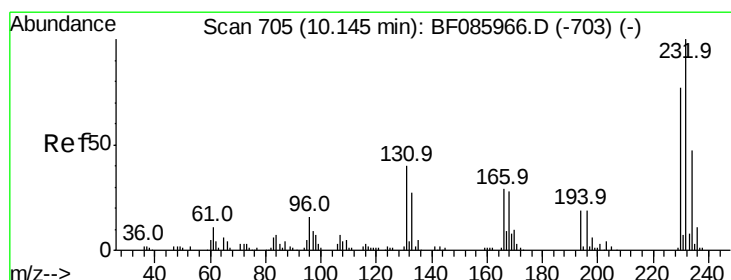
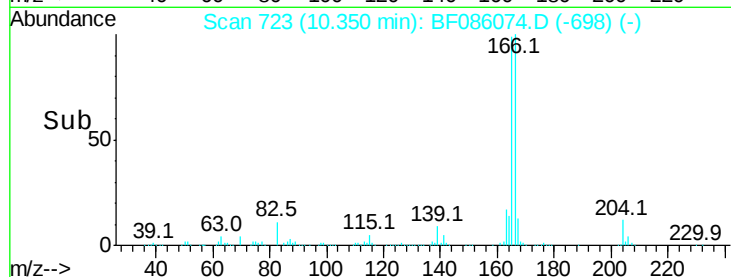
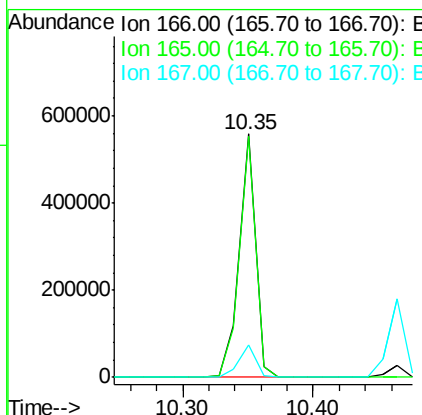
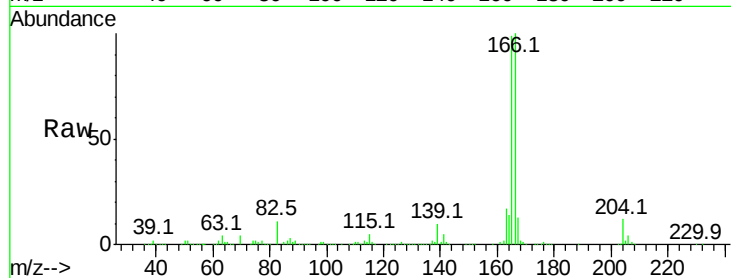
ClientSampleId :

WC-1MS

Tot Ion:	166	Resp:	485991
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.4	119.0
167	13.3	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.48 ng

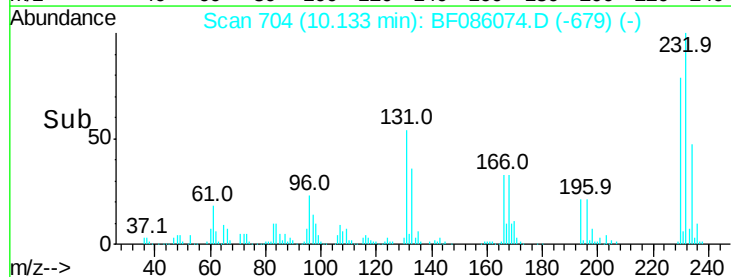
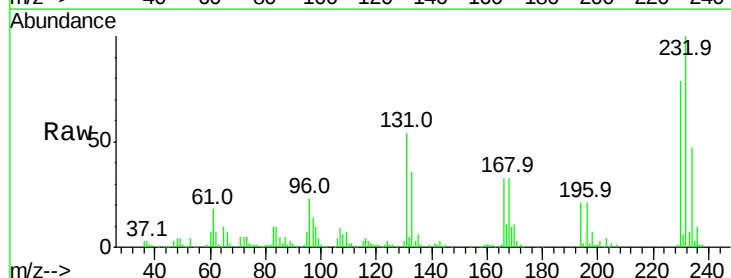
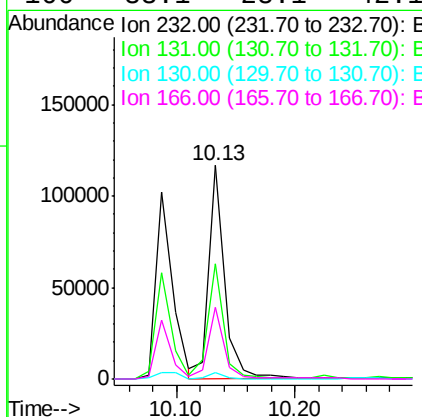
RT: 10.13 min Scan# 704

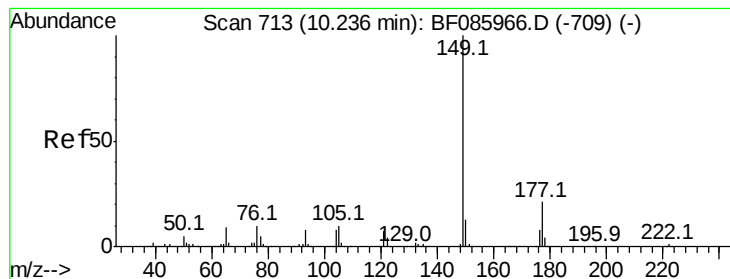
Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	232	Resp:	107737
Ion Ratio	Lower	Upper	
232	100		
131	53.2	44.9	67.3
130	2.6	2.3	3.5
166	33.1	28.1	42.1





#59

Diethylphthalate

Concen: 40.92 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

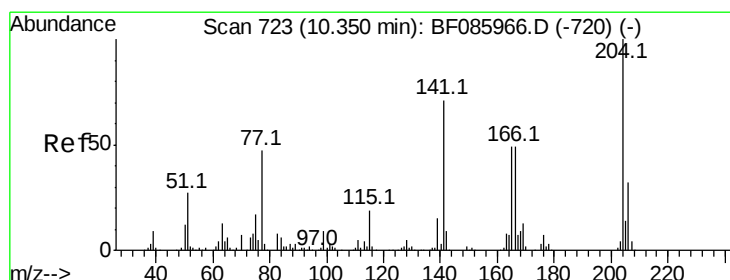
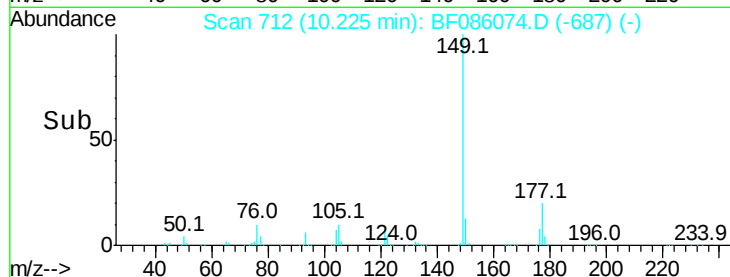
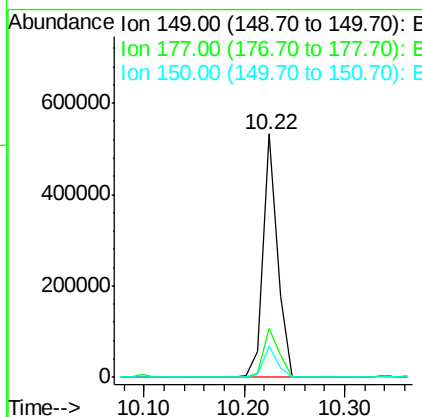
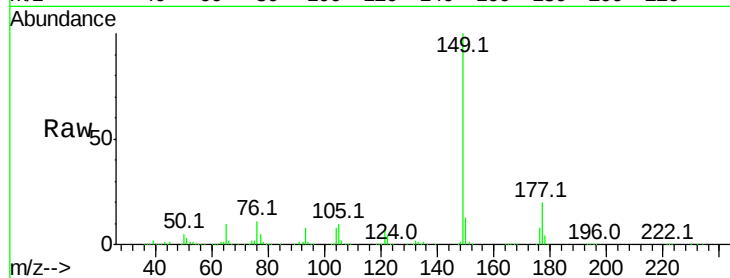
ClientSampled :

WC-1MS

Tot Ion:	149	Resp:	532104
Ion Ratio	Lower	Upper	
149	100		
177	20.1	17.9	26.9
150	12.9	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 39.57 ng

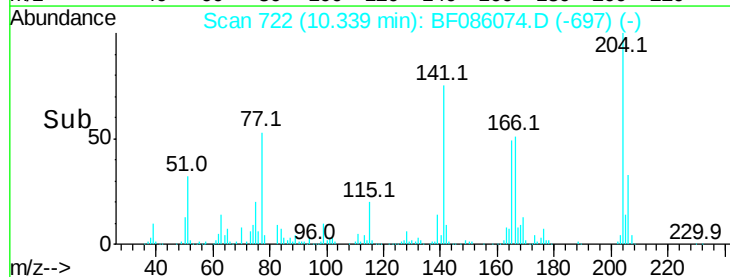
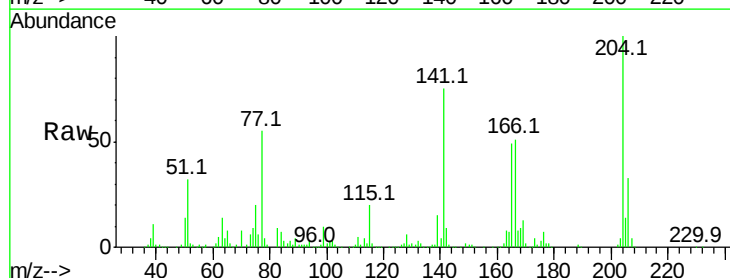
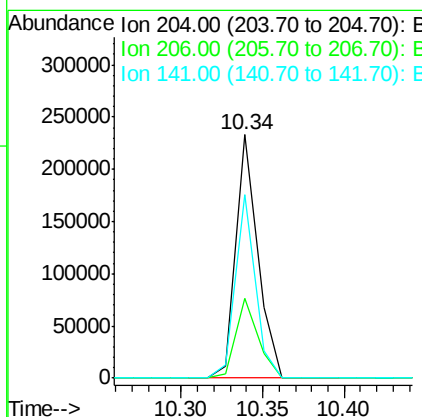
RT: 10.34 min Scan# 722

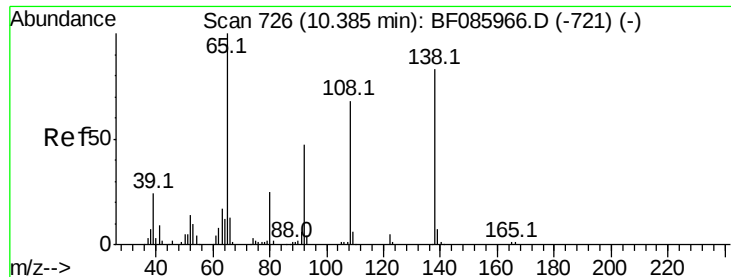
Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	204	Resp:	215213
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	39.8
141	75.5	57.4	86.0





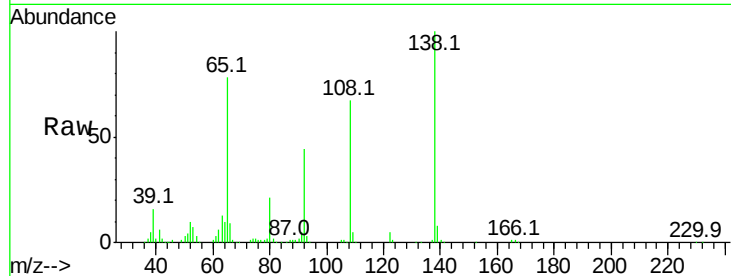
#61
4-Nitroaniline
Concen: 43.19 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	43.8	26.4	66.4	
108	67.0	49.0	89.0	

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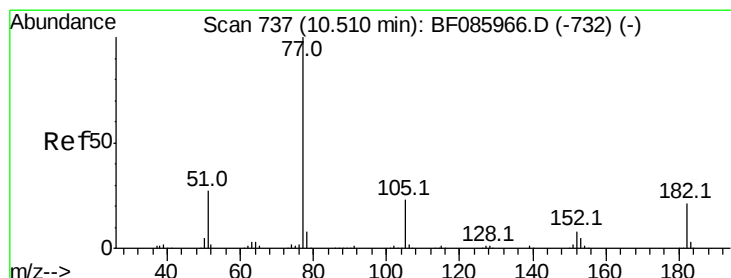
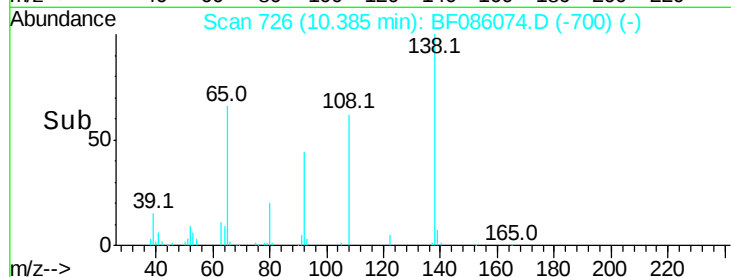
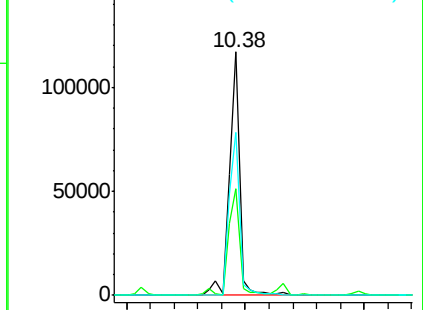


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 43.47 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	19.8	1.9	41.9	
105	22.7	3.5	43.5	
51	27.0	6.3	46.3	

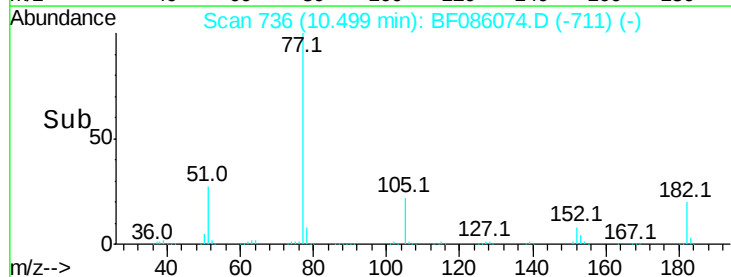
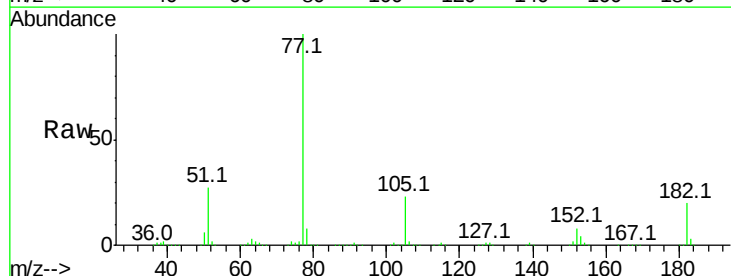
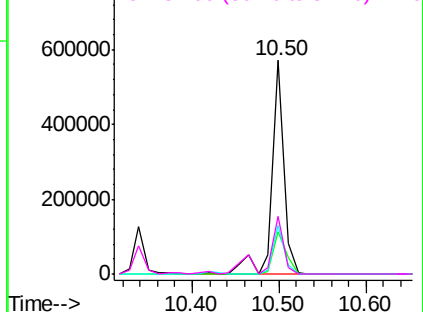
Abundance

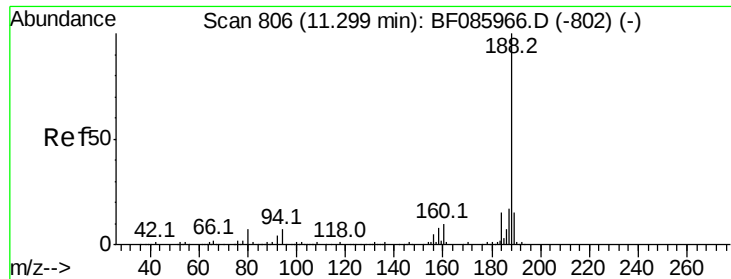
Ion 77.00 (76.70 to 77.70): BF0

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





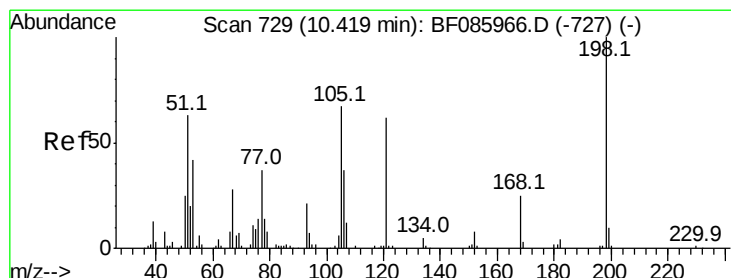
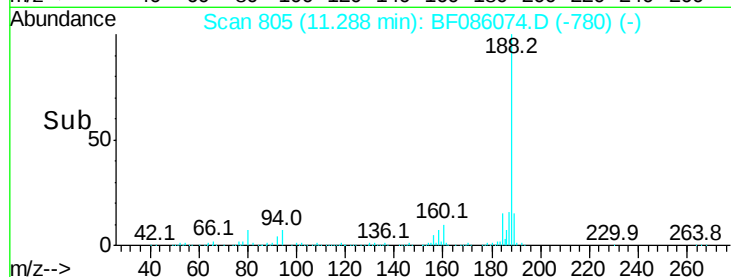
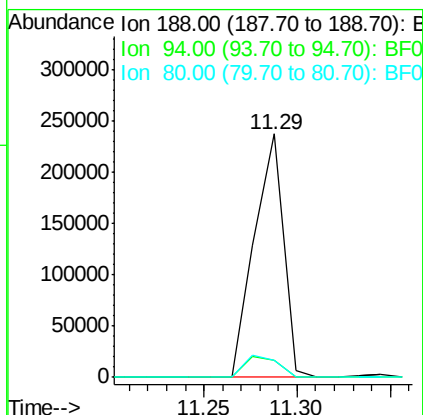
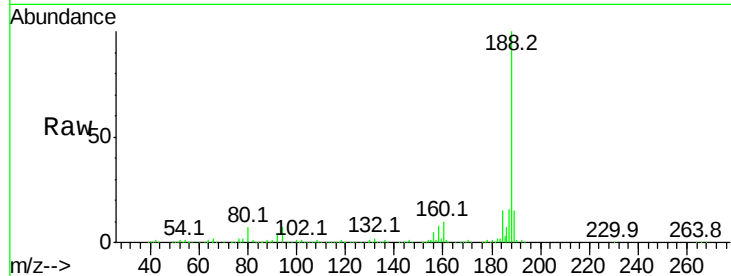
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.1	5.4	8.0
80	7.1	5.5	8.3

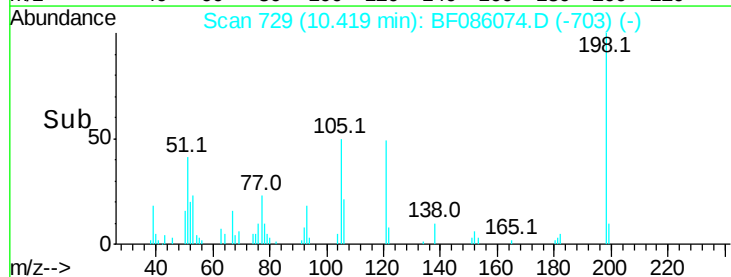
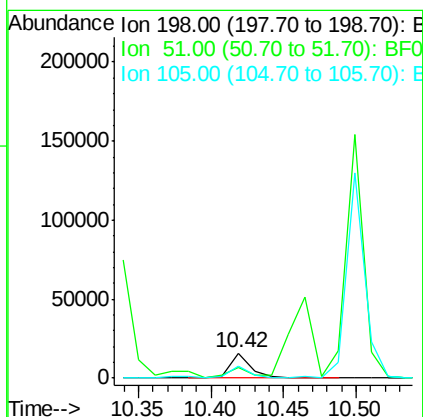
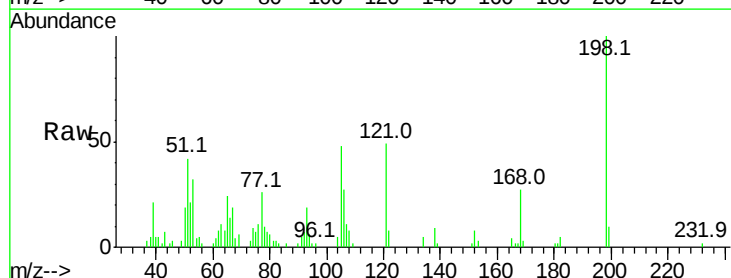
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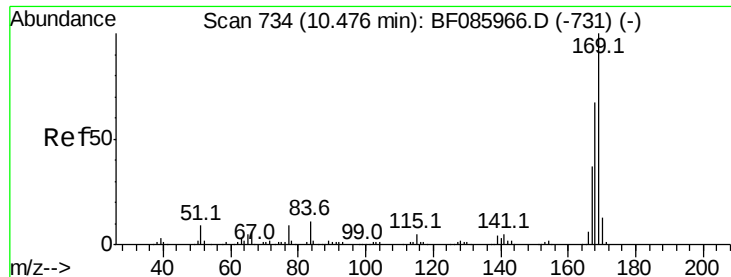
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.01 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	41.5	45.4	85.4#
105	47.6	45.9	85.9





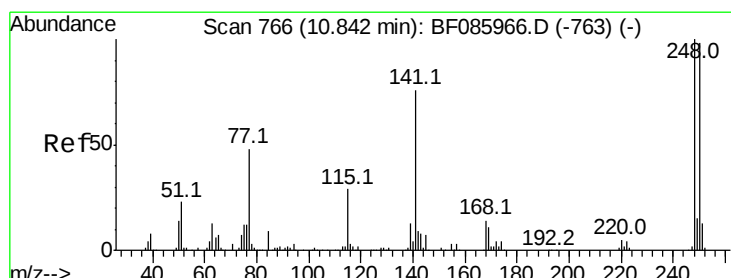
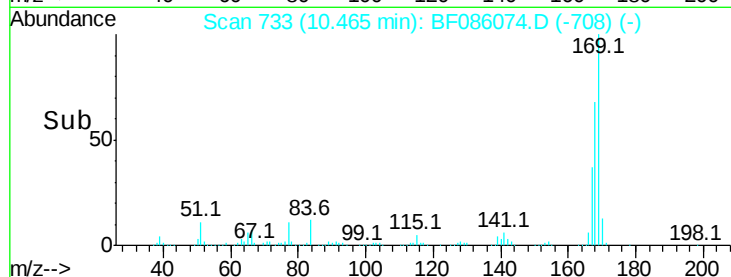
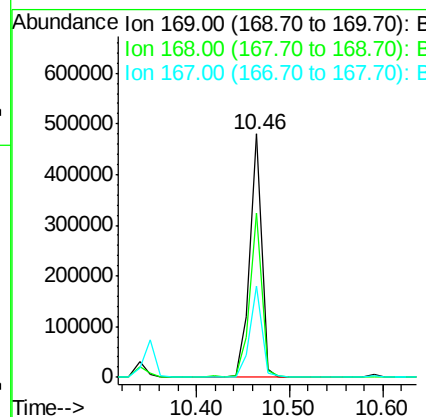
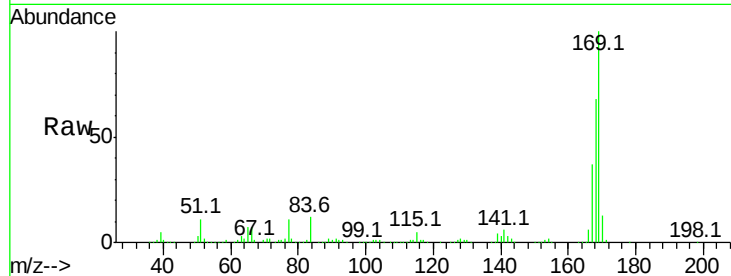
#65
n-Nitrosodiphenylamine
Concen: 52.92 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	426990		
168	67.7		54.4	81.6
167	37.3		29.4	44.0

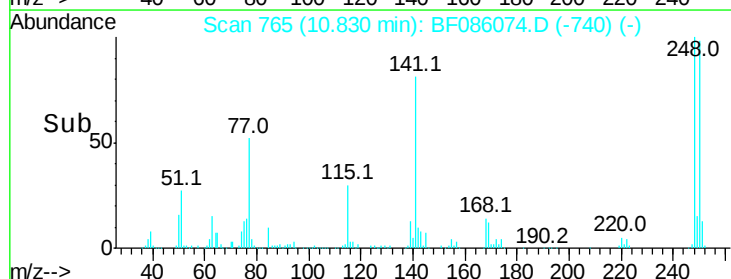
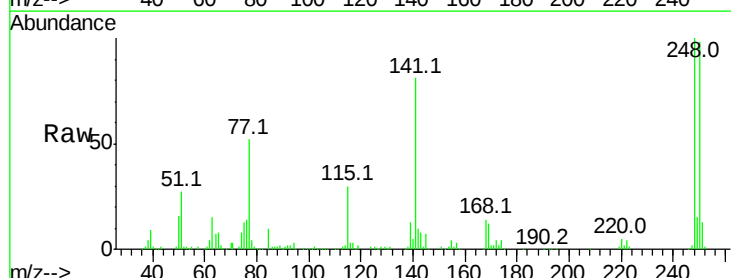
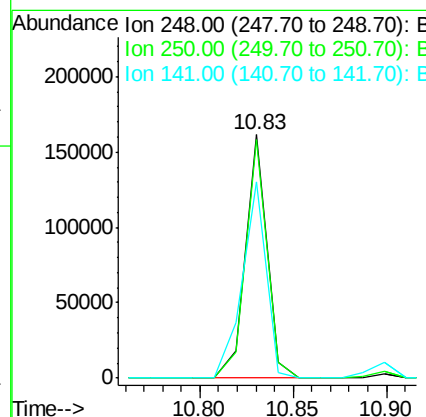
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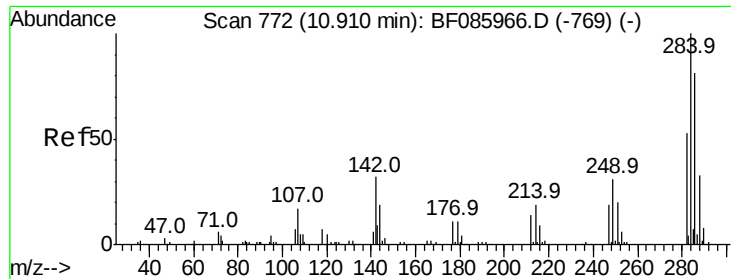
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#66
4-Bromophenyl-phenylether
Concen: 49.76 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	131054		
250	98.2		77.4	116.0
141	80.5		63.6	95.4





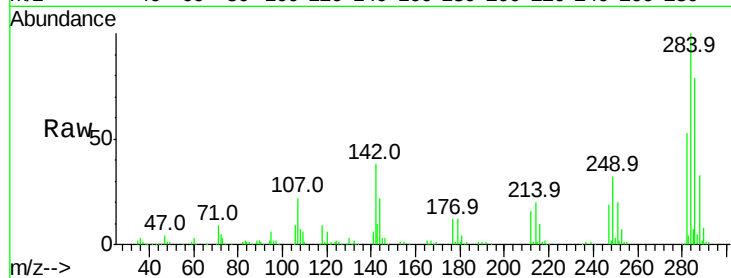
#67
Hexachlorobenzene
Concen: 47.53 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampled :
WC-1MS

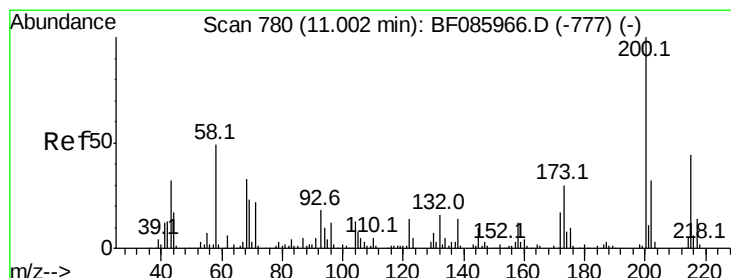
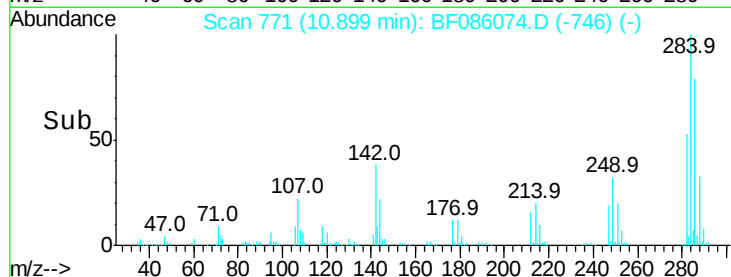
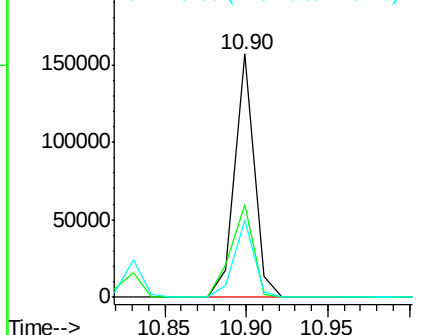
Tot Ion	Ratio	Resp	Lower	Upper
284	100	129459		
142	37.9	23.1	34.7#	
249	31.8	24.2	36.2	

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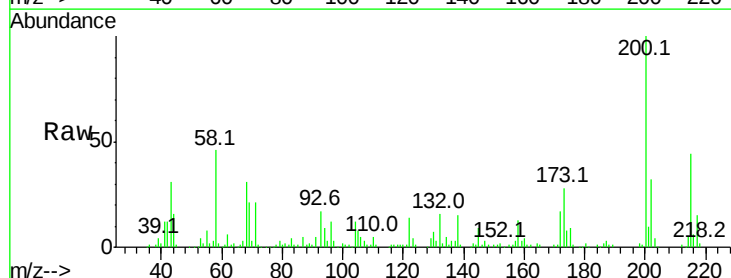


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

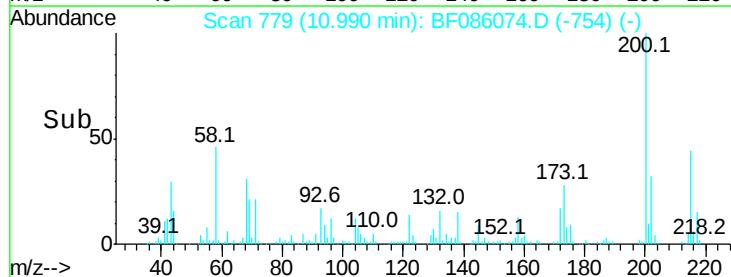
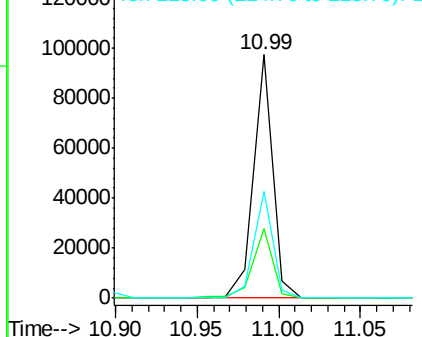


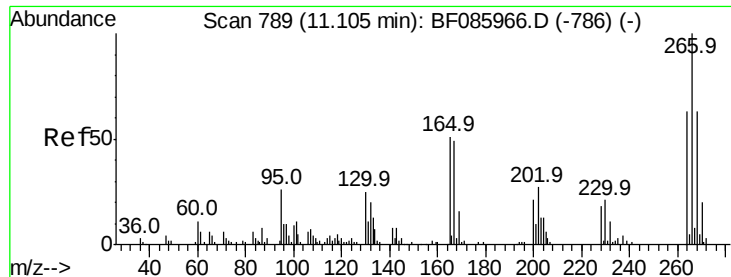
#68
Atrazine
Concen: 30.55 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	79636		
173	28.5	7.7	47.7	
215	43.6	25.4	65.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





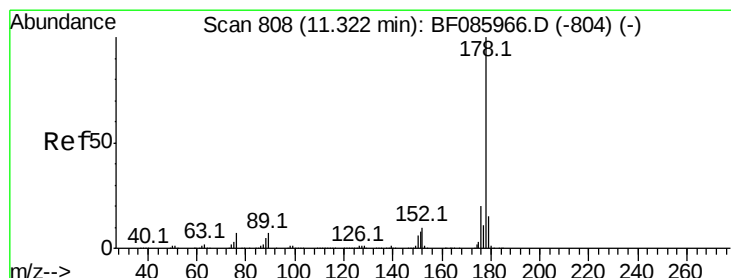
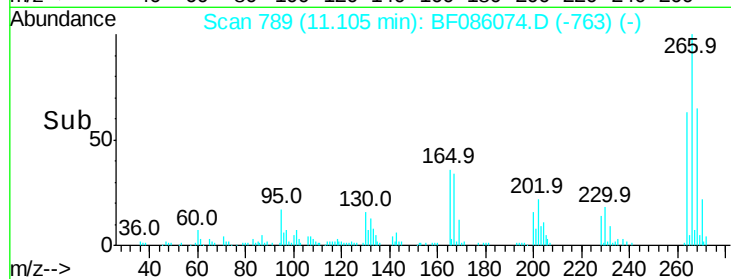
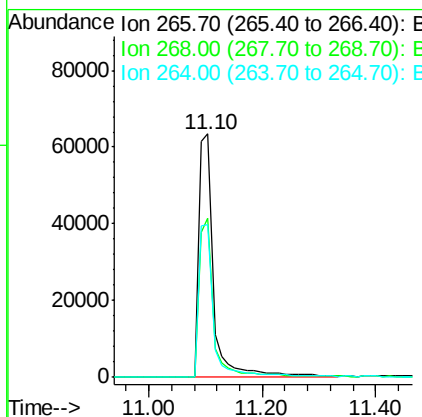
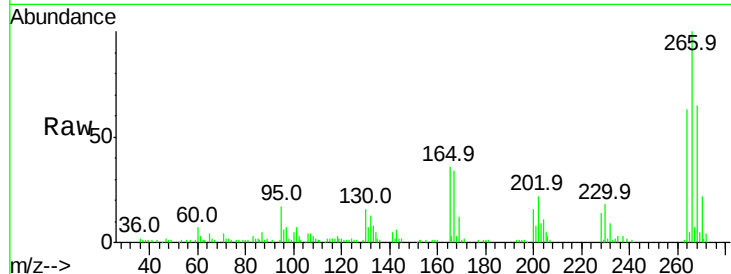
#69
 Pentachlorophenol
 Concen: 87.81 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	112086		
268	65.3	51.5	77.3	
264	63.0	50.6	76.0	

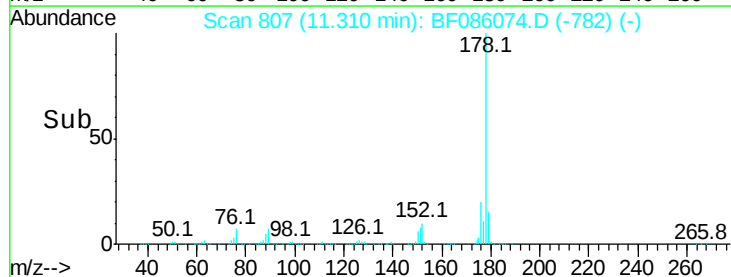
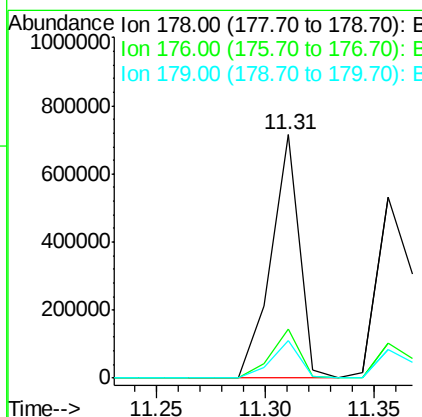
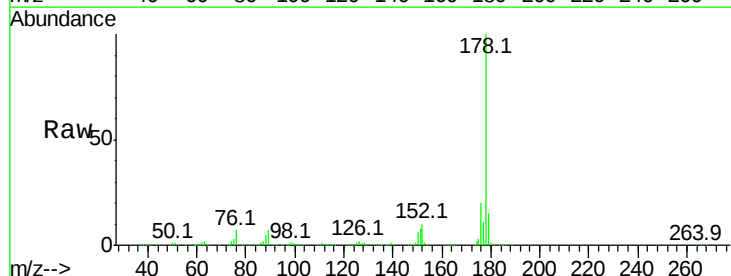
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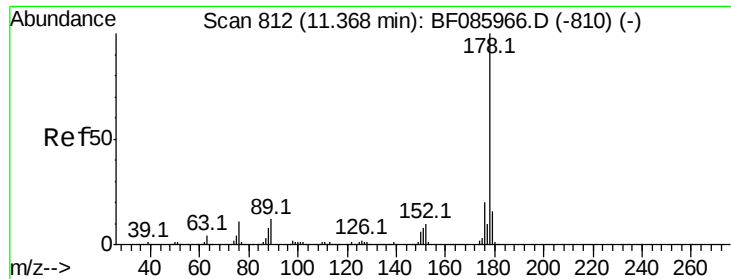
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#70
 Phenanthrene
 Concen: 46.59 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	655708		
176	20.0	16.3	24.5	
179	15.4	12.6	18.8	





#71

Anthracene

Concen: 40.50 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

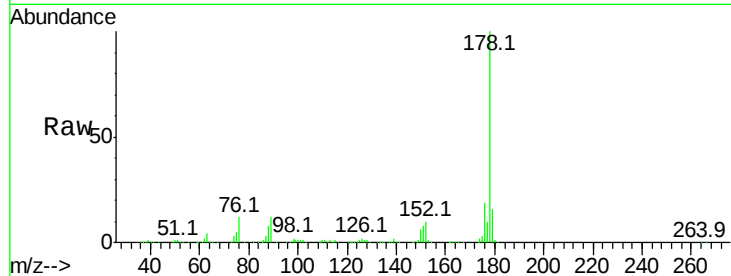
ClientSampleId :

WC-1MS

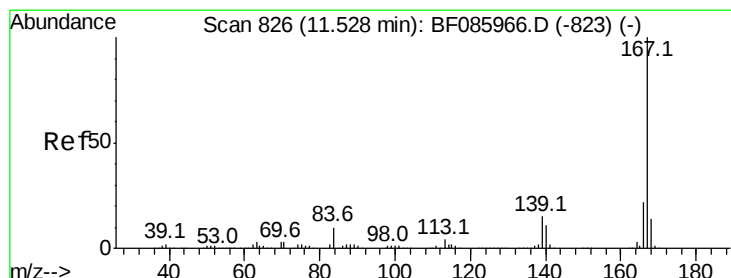
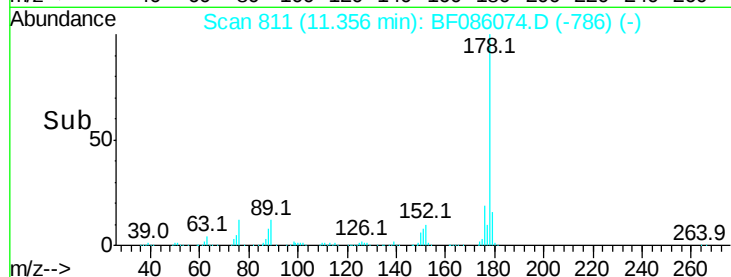
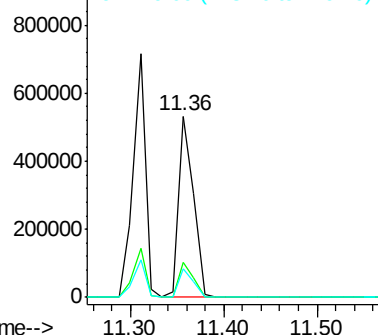
Tot Ion:	178	Resp:	597018
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.9	23.9
179	15.7	13.0	19.4

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



#72

Carbazole

Concen: 40.60 ng

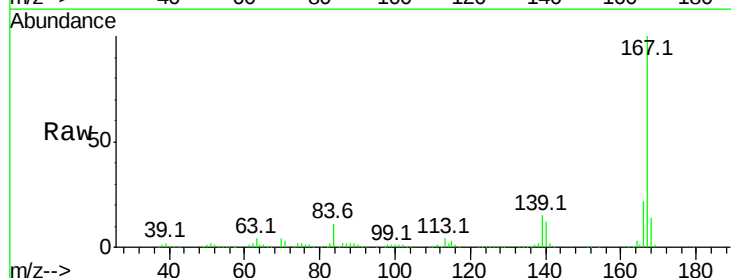
RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

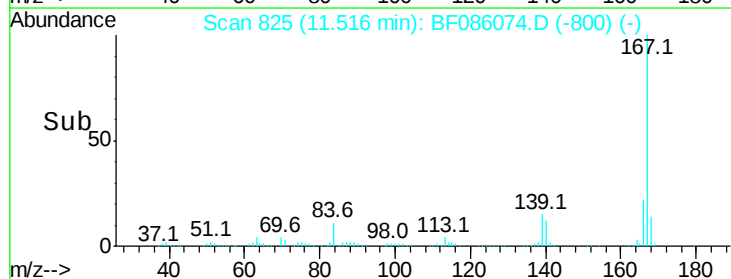
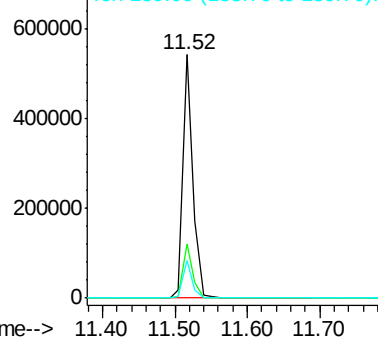
Lab File: BF086074.D

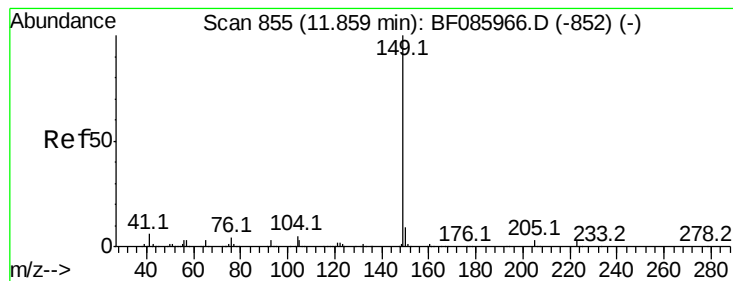
Acq: 5 Apr 2016 9:43

Tgt Ion:	167	Resp:	514539
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.8
139	15.2	11.6	17.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





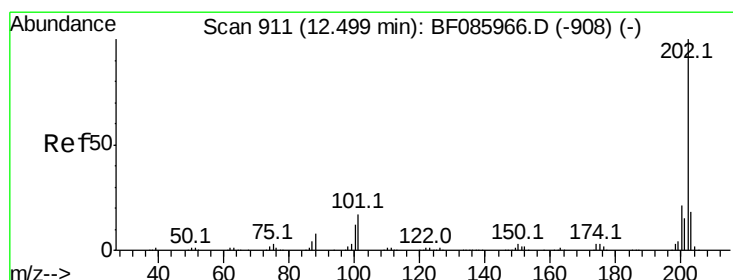
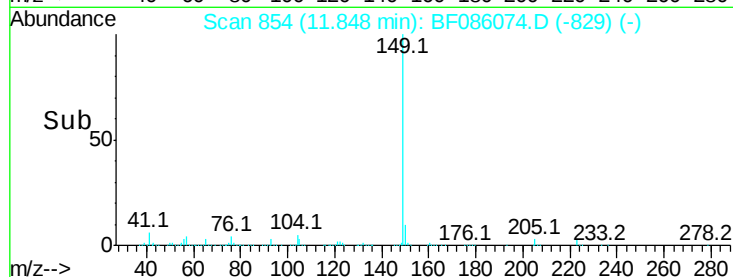
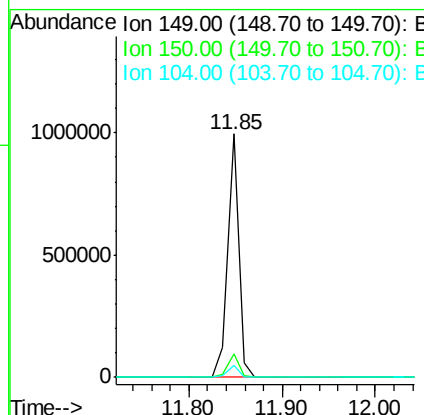
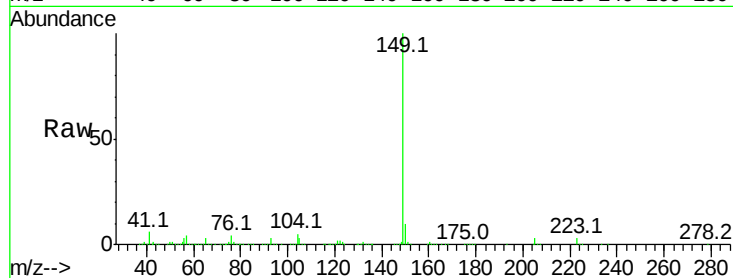
#73
Di-n-butylphthalate
Concen: 51.63 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.6	11.4	
104	5.0	3.8	5.8	

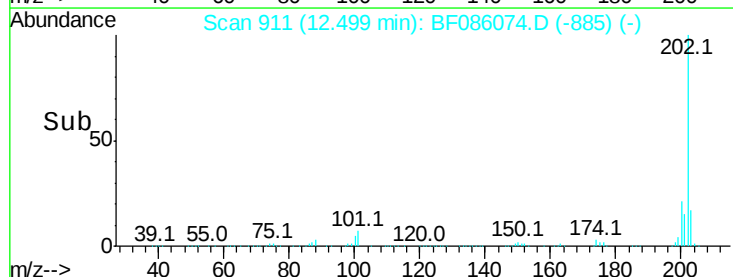
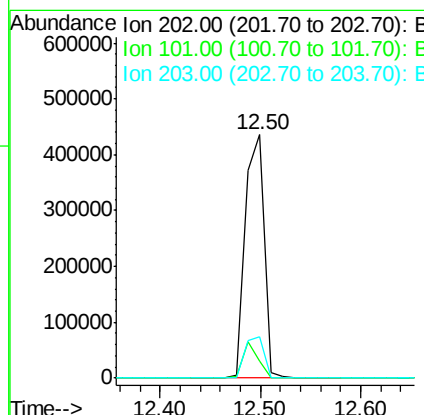
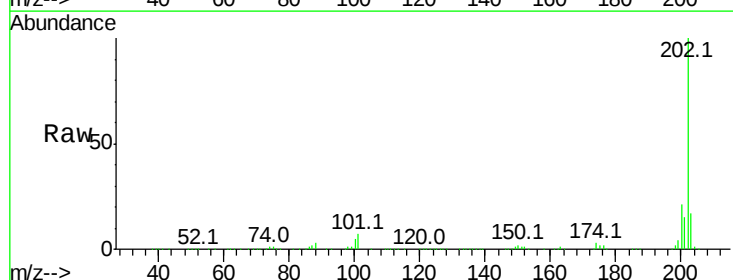
Manual Integrations
APPROVED

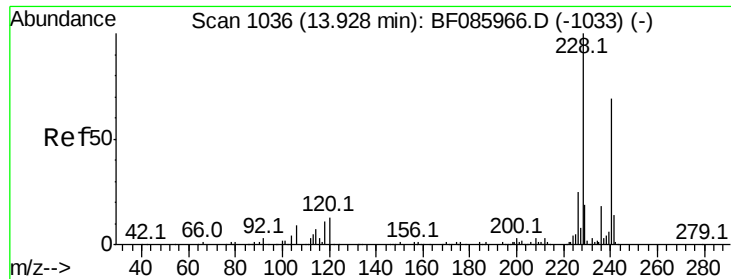
Sohil
4/5/2016 6:39:20 PM



#74
Fluoranthene
Concen: 38.93 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.3	0.0	36.6	
203	17.0	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

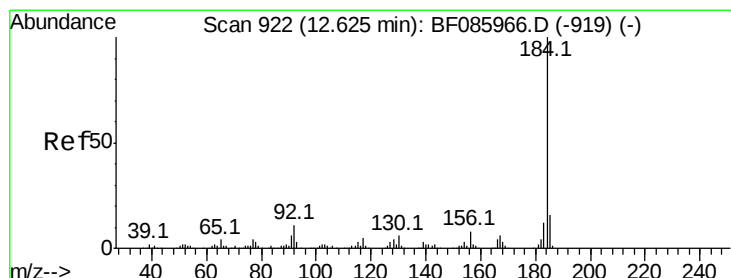
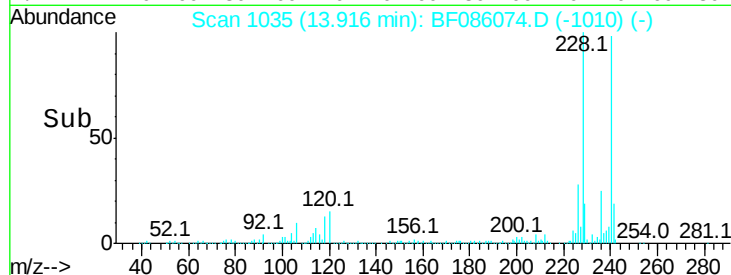
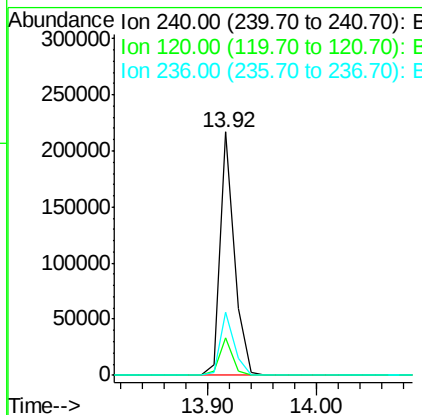
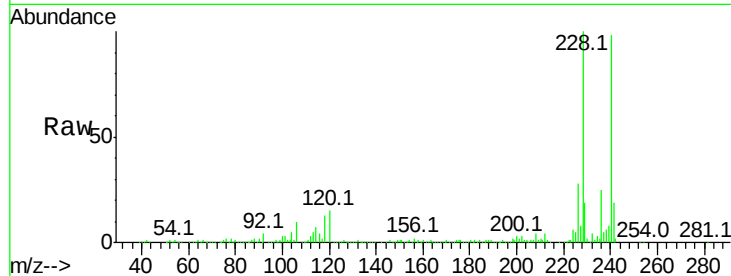
ClientSampled :

WC-1MS

Tot Ion:	240	Resp:	199860
Ion Ratio	Lower	Upper	
240	100		
120	15.3	13.8	20.8
236	25.9	20.6	30.8

Manual Integrations
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4/5/2016 6:39:20 PM



#76

Benzidine

Concen: 14.20 ng

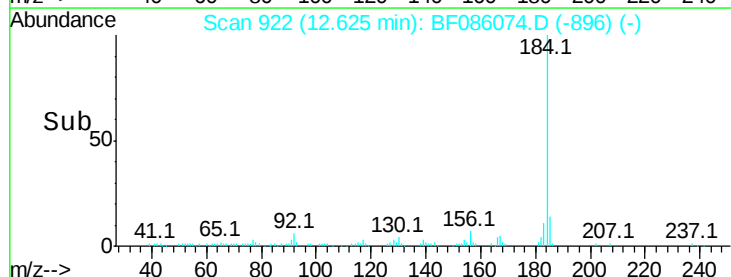
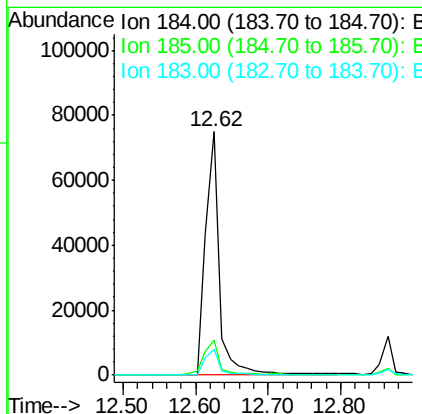
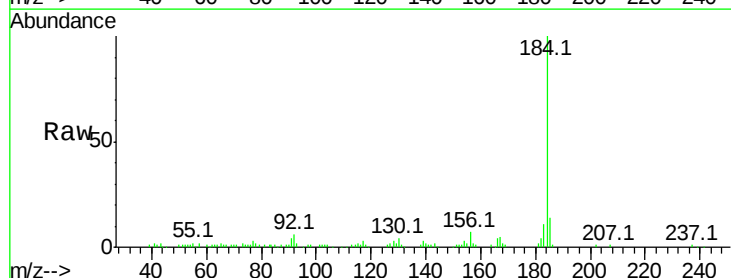
RT: 12.62 min Scan# 922

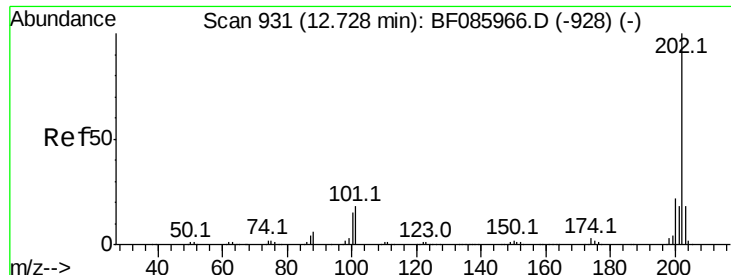
Delta R.T. 0.00 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Tgt Ion:	184	Resp:	100156
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.4	18.6
183	10.9	9.4	14.2





#77

Pvrene

Concen: 40.96 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF086074.D

Acq: 5 Apr 2016 9:43

Instrument :

BNA_F

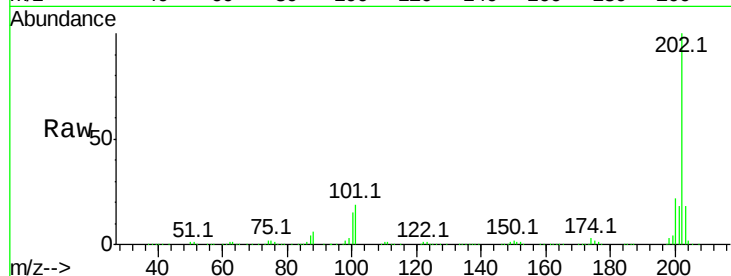
ClientSampleId :

WC-1MS

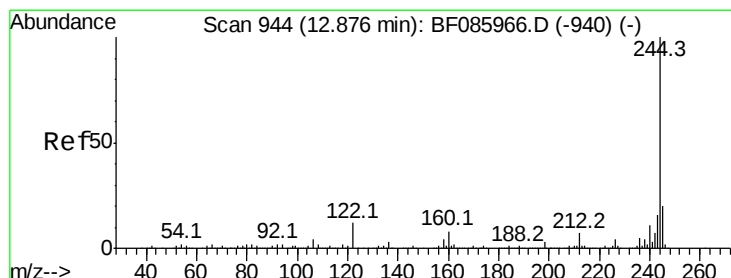
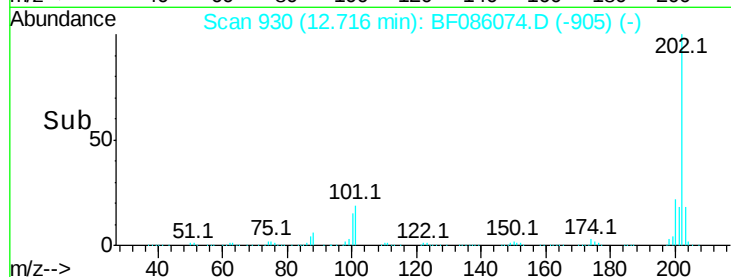
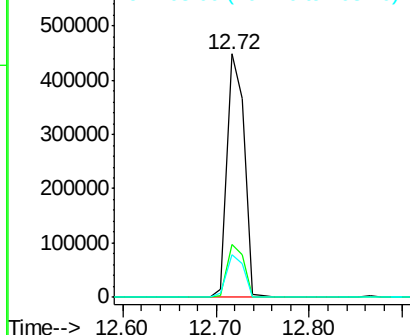
Tot Ion:	202	Resp:	576908
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.6	26.4
203	17.7	14.0	21.0

Manual Integrations
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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: 85.41 ng

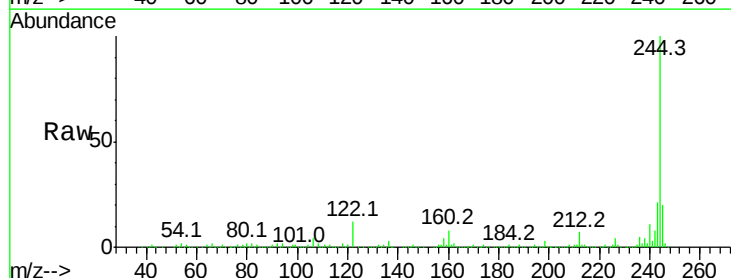
RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

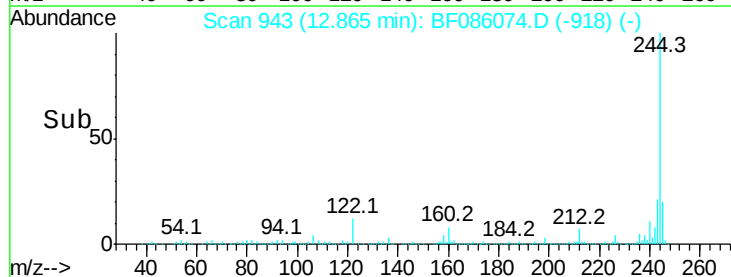
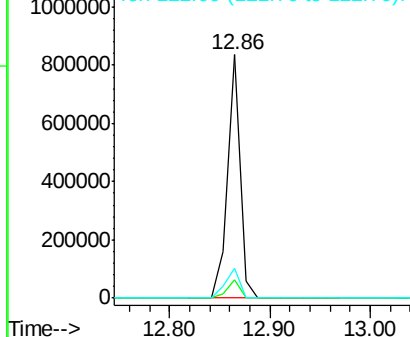
Lab File: BF086074.D

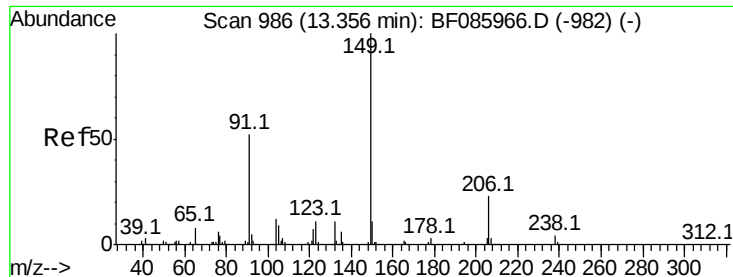
Acq: 5 Apr 2016 9:43

Tgt Ion:	244	Resp:	726173
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	12.2	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





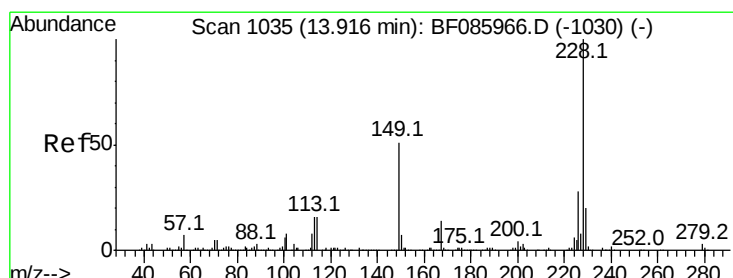
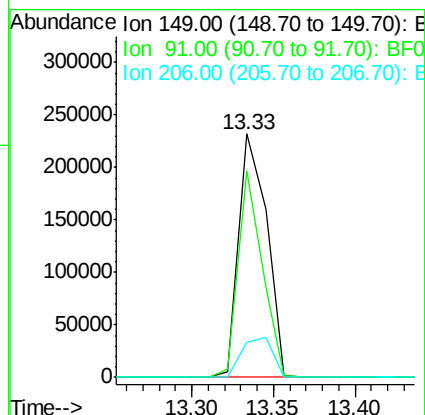
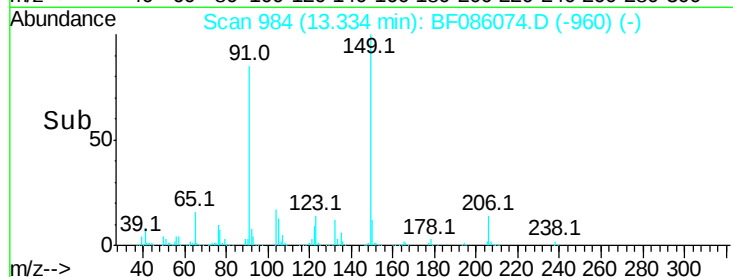
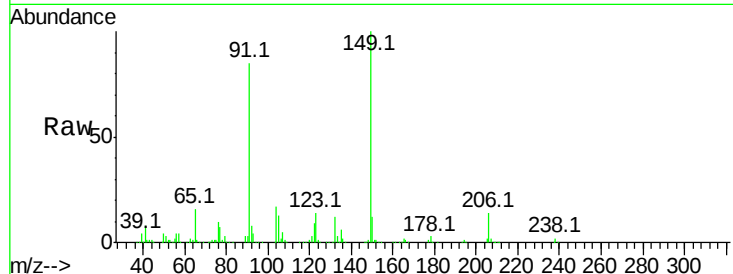
#79
Butylbenzylphthalate
Concen: 43.42 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	84.7	45.8	68.8#
206	14.5	17.8	26.8#

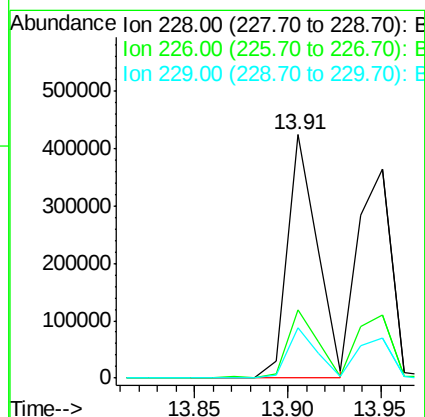
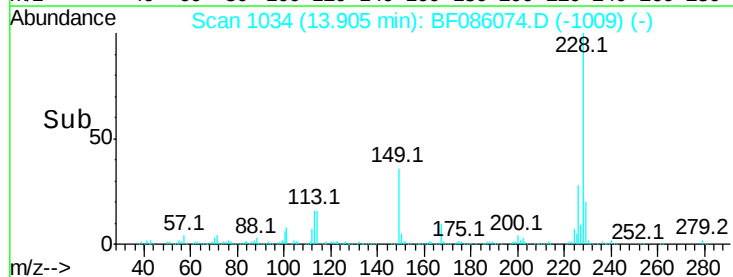
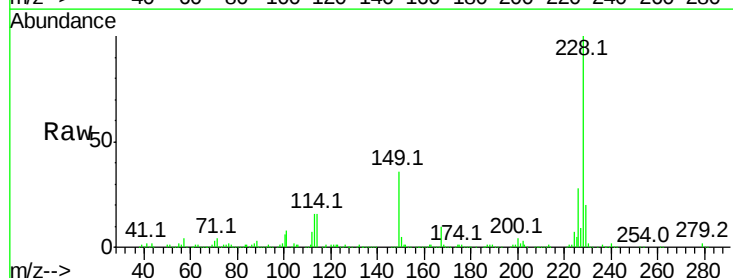
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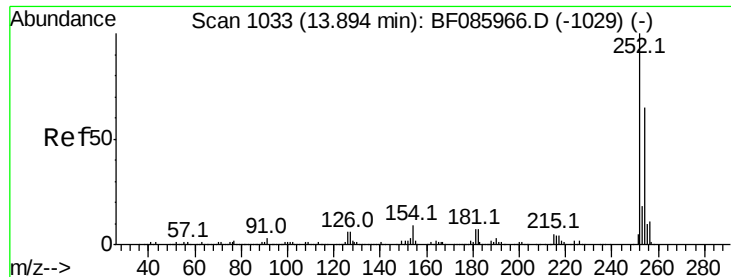
Sohil
4/5/2016 6:39:20 PM



#80
Benzo(a)anthracene
Concen: 39.98 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.1	22.1	33.1
229	20.4	16.2	24.4





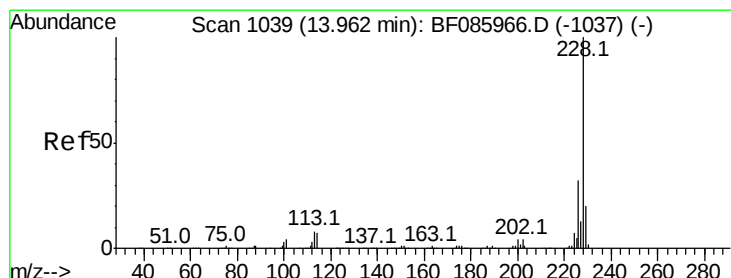
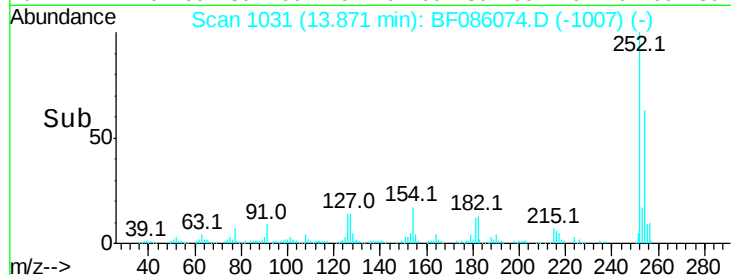
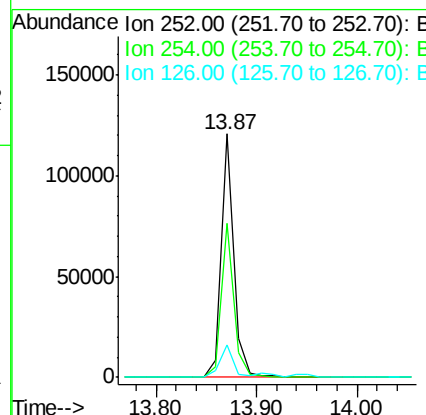
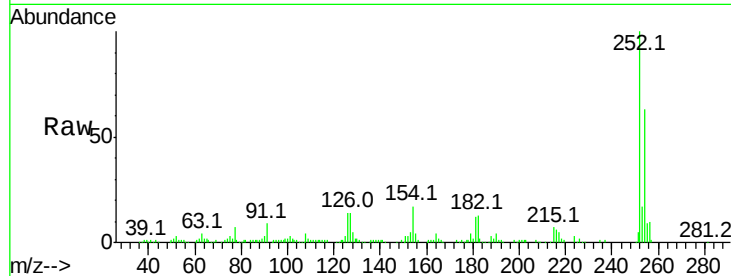
#81
 3,3'-Dichlorobenzidine
 Concen: 12.20 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	104995		
254	63.4	50.7	76.1	
126	13.6	11.8	17.6	

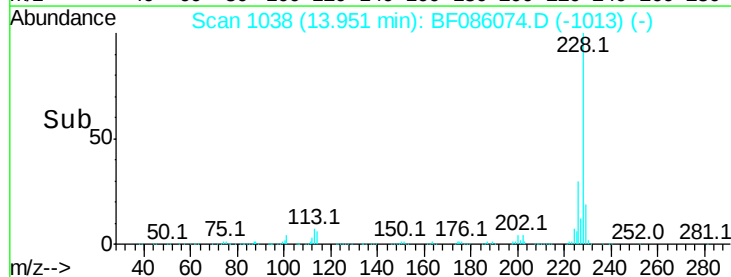
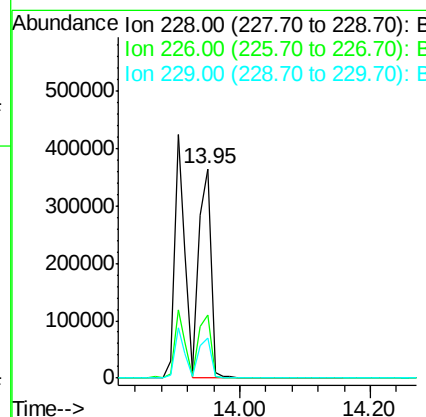
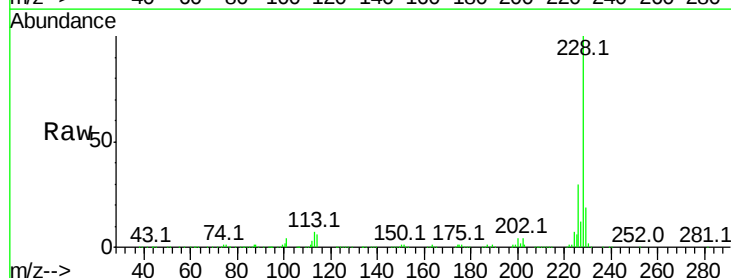
Manual Integrations
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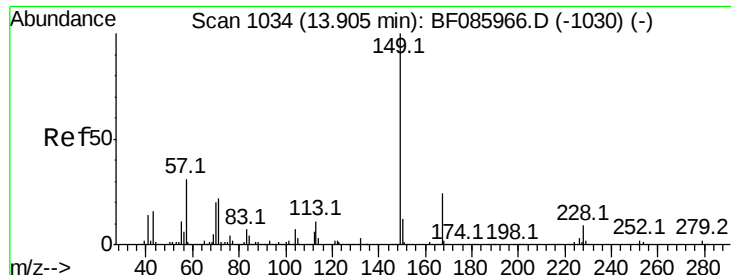
Sohil
 4/5/2016 6:39:20 PM



#82
 Chrysene
 Concen: 40.64 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	461185		
226	30.4	25.0	37.6	
229	19.1	15.7	23.5	





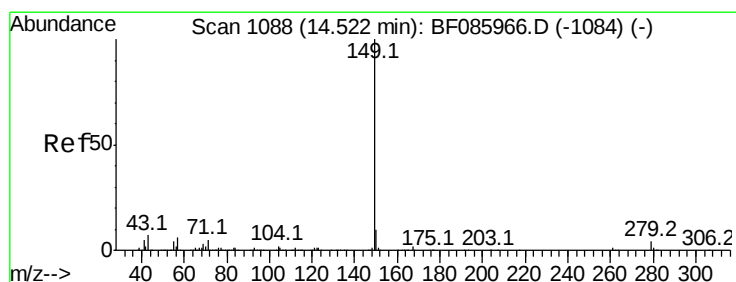
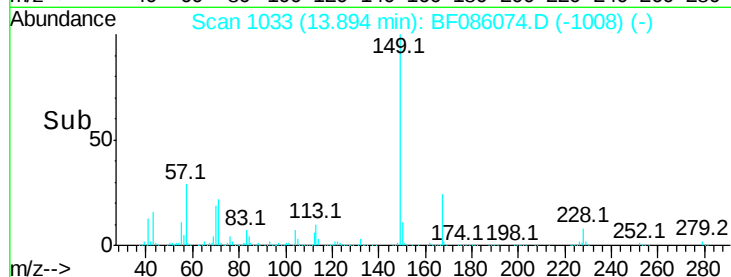
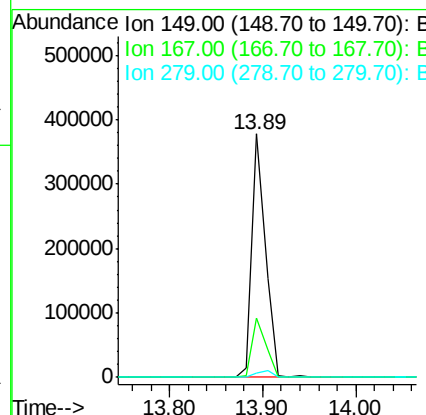
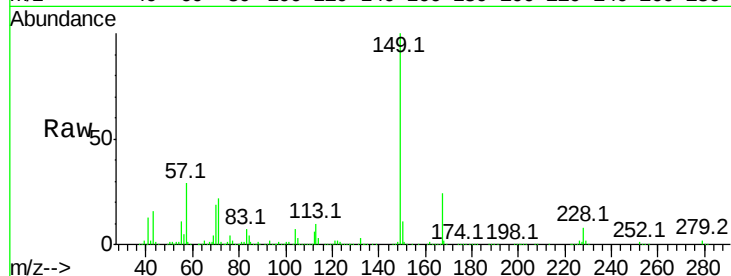
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.06 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	379222		
167	24.4		19.4	29.2
279	2.0		1.5	2.3

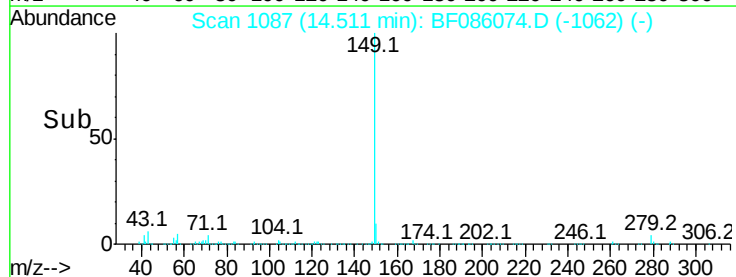
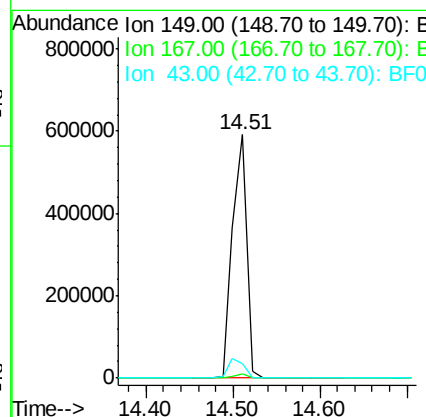
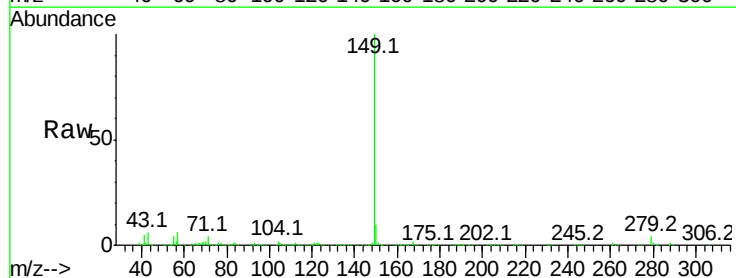
Manual Integrations
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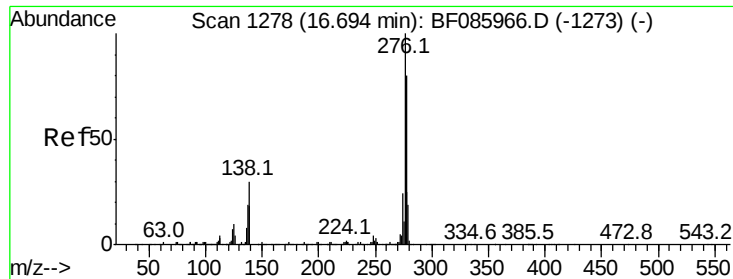
Sohil
 4/5/2016 6:39:20 PM



#84
 Di-n-octyl phthalate
 Concen: 50.31 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	676265		
167	1.5		1.2	1.8
43	8.6		7.1	10.7





#85

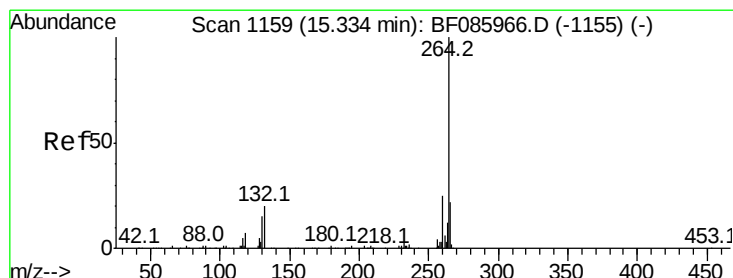
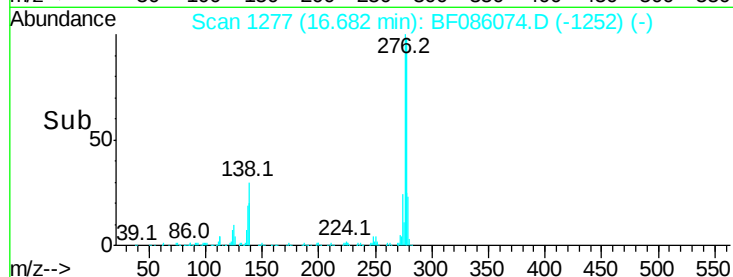
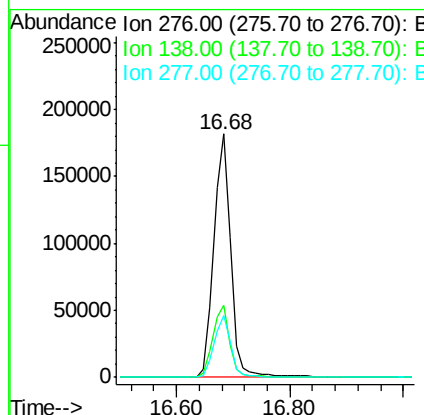
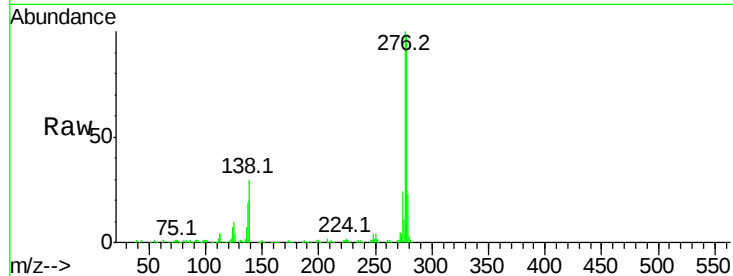
Indeno(1,2,3-cd)pyrene
Concen: 40.16 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	369725		
138	29.7	24.2	36.4	
277	25.4	20.0	30.0	

Manual Integrations
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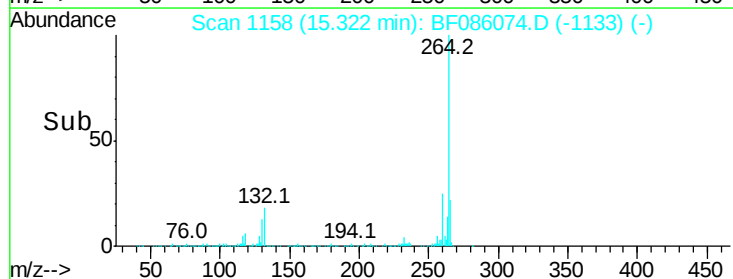
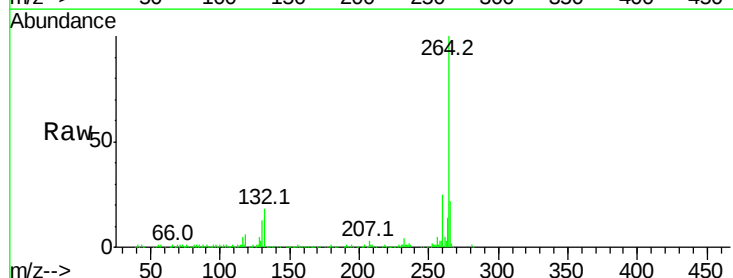
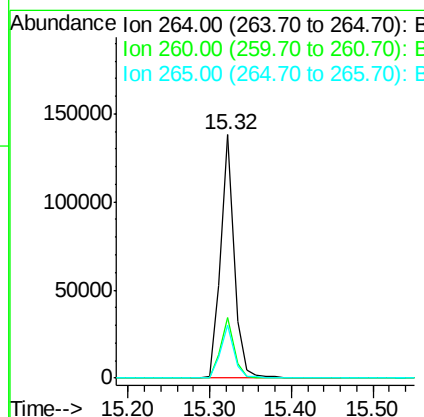
Sohil
4/5/2016 6:39:20 PM

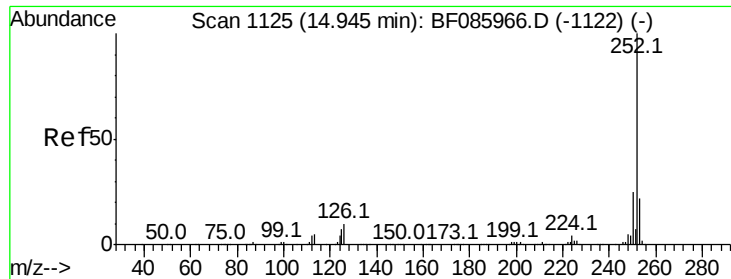


#86

Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	160817		
260	25.1	19.4	29.2	
265	21.6	17.2	25.8	





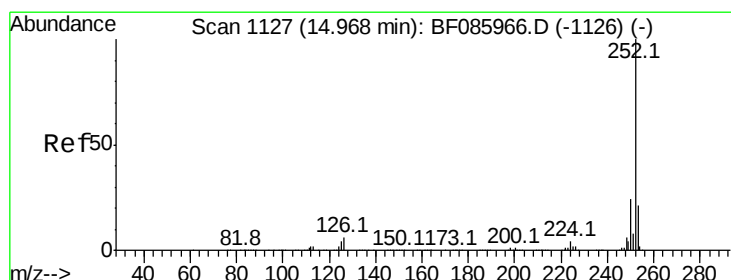
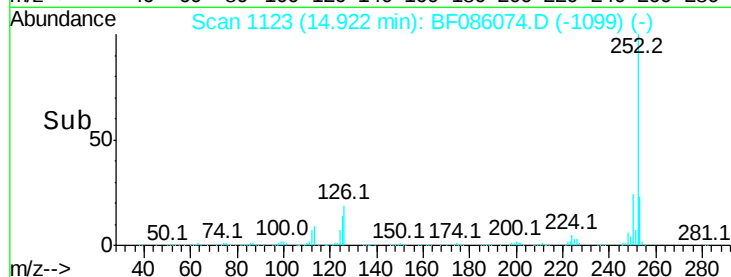
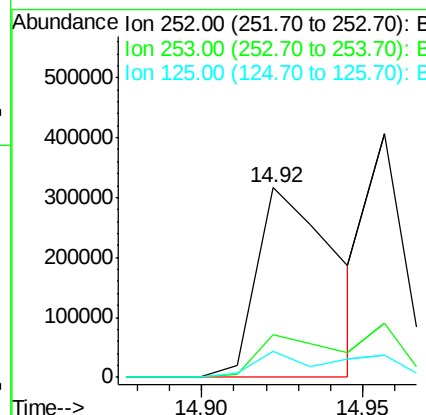
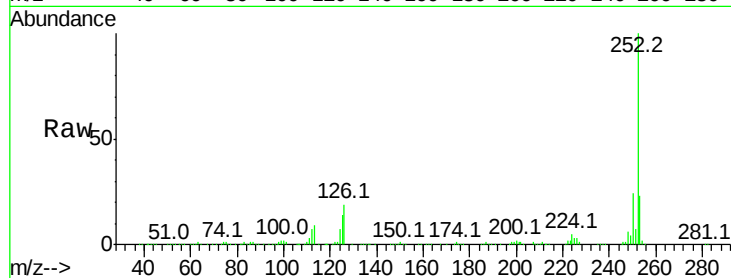
#87
Benzo(b)fluoranthene
Concen: 52.78 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	13.8	10.3	15.5

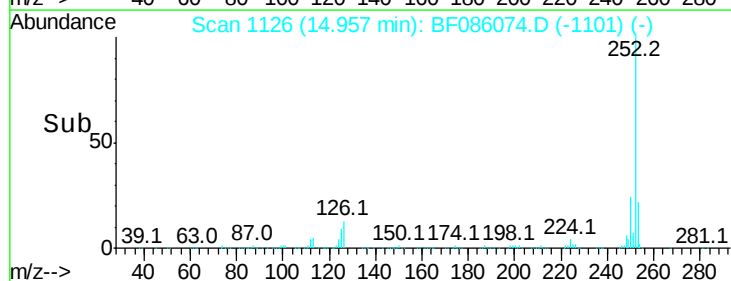
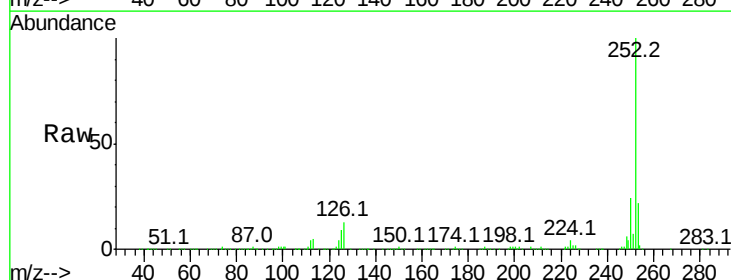
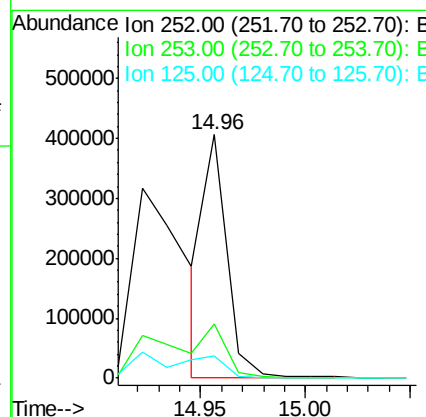
Manual Integrations
APPROVED

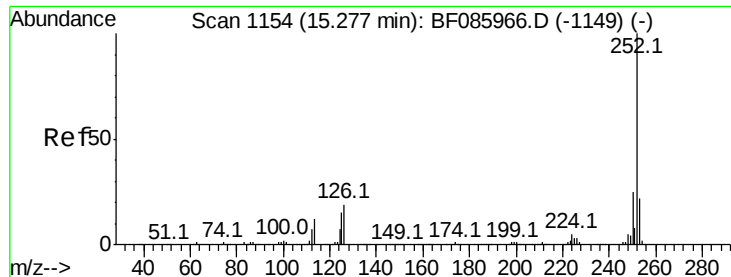
Sohil
4/5/2016 6:39:20 PM



#88
Benzo(k)fluoranthene
Concen: 35.55 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.9	7.7	11.5





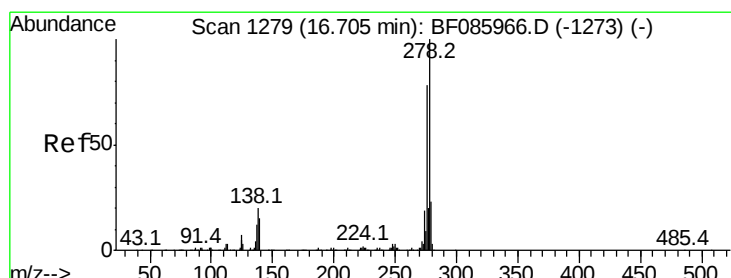
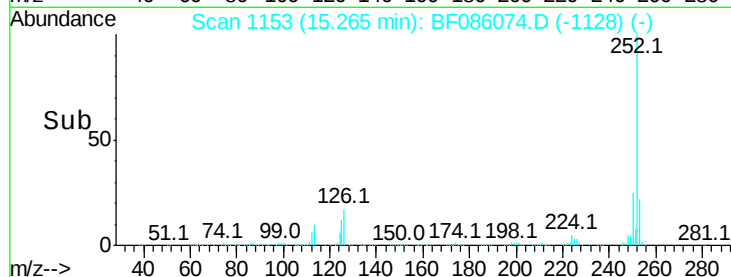
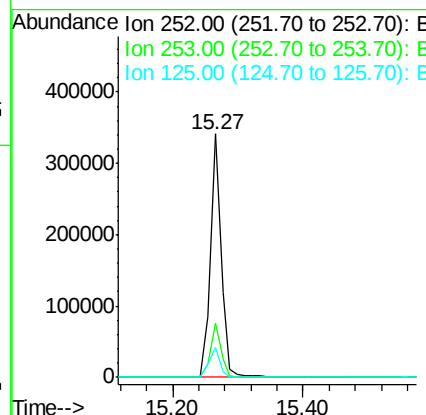
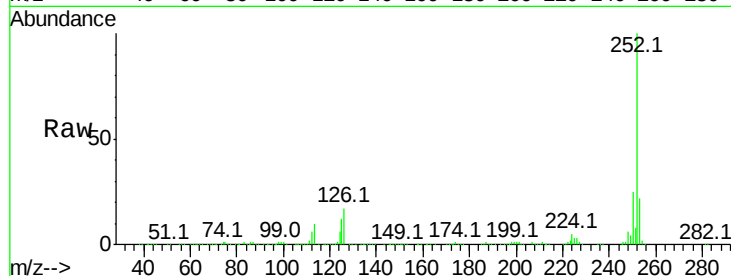
#89
Benzo(a)pyrene
Concen: 44.07 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	12.4	10.3	15.5

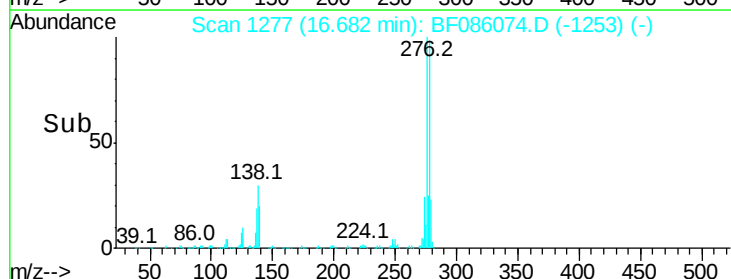
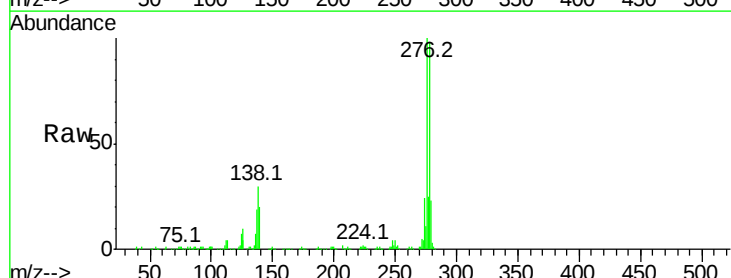
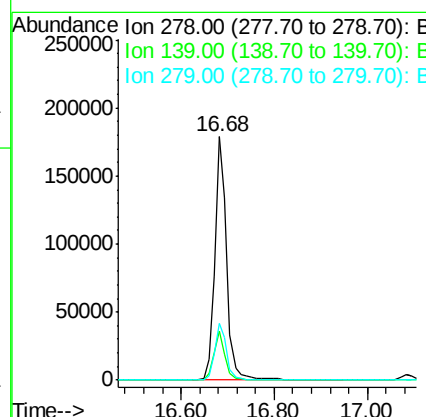
Manual Integrations
APPROVED

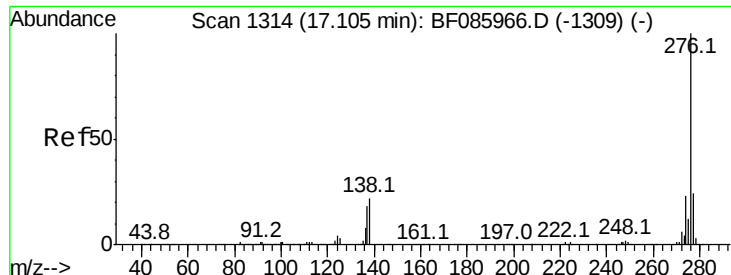
Sohil
4/5/2016 6:39:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.57 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF086074.D
Acq: 5 Apr 2016 9:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.4	21.6
279	23.5	19.1	28.7





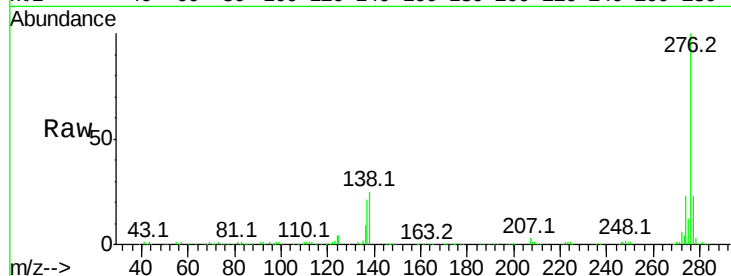
#91
 Benzo(a,h,i)perylene
 Concen: 40.95 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF086074.D
 Acq: 5 Apr 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion:	276	Resp:	285779
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	25.5	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:20 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

