

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086001.D
 Acq On : 2 Apr 2016 10:13
 Operator : UM/SJ
 Sample : H2055-01MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:45:07 PM

Quant Time: Apr 04 01:53:21 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	6.77	152	111797	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	442748	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	220244	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	427011	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	379384	20.00	ng	0.00
86) Perylene-d12	15.33	264	317635	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	774733	118.45	ng	0.01
7) Phenol-d6	6.42	99	910005	109.54	ng	0.00
23) Nitrobenzene-d5	7.34	82	600083	79.93	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	245798	118.90	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1032252	77.93	ng	0.00
78) Terphenyl-d14	12.88	244	1037732	64.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	93946	30.30	ng	100
3) Pyridine	3.07	79	256530	36.95	ng	99
4) n-Nitrosodimethylamine	3.01	42	108228	35.45	ng	99
6) Aniline	6.44	93	295940	27.15	ng	95
8) 2-Chlorophenol	6.56	128	291931	37.43	ng	93
9) Benzaldehyde	6.33	77	135842	30.39	ng	91
10) Phenol	6.43	94	382654	40.38	ng	92
11) bis(2-Chloroethyl)ether	6.51	93	271293m	36.15	ng	
12) 1,3-Dichlorobenzene	6.72	146	290200	35.10	ng	99
13) 1,4-Dichlorobenzene	6.78	146	302948	35.57	ng	99
14) 1,2-Dichlorobenzene	6.94	146	284054	36.23	ng	99
15) Benzyl Alcohol	6.92	79	219234	40.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	335701	36.62	ng	92
17) 2-Methylphenol	7.04	107	232474	37.80	ng	96
18) Hexachloroethane	7.28	117	108087	34.50	ng	# 80
19) n-Nitroso-di-n-propylamine	7.20	70	198088	38.47	ng	99
20) 3+4-Methylphenols	7.20	107	294177	39.33	ng	# 82
22) Acetophenone	7.18	105	390161	37.49	ng	# 93
24) Nitrobenzene	7.36	77	288336	35.10	ng	97
25) Isophorone	7.60	82	557097	37.59	ng	100
26) 2-Nitrophenol	7.68	139	153076	38.95	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	268194	38.00	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	352136	40.50	ng	99
29) 2,4-Dichlorophenol	7.93	162	232261	38.92	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	243775	36.40	ng	99
31) Naphthalene	8.08	128	808409	36.30	ng	100
32) Benzoic acid	7.82	122	17990	3.47	ng	95
33) 4-Chloroaniline	8.13	127	200227	22.26	ng	# 91
34) Hexachlorobutadiene	8.20	225	124149	34.48	ng	98
35) Caprolactam	8.51	113	82183m	43.41	ng	
36) 4-Chloro-3-methylphenol	8.62	107	255845	38.14	ng	96
37) 2-Methylnaphthalene	8.77	142	559575	38.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	217979	32.93	ng	99
40) Hexachlorocyclopentadiene	8.92	237	164002	71.58	ng	99

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Quant Time: Apr 04 01:53:21 2016
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 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)
42) 2,4,6-Trichlorophenol	9.06	196	159613	37.55	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	166682	38.62	nq	99
45) 1,1'-Biphenyl	9.23	154	623501	32.83	nq	99
46) 2-Chloronaphthalene	9.26	162	499868	36.31	nq	99
47) 2-Nitroaniline	9.36	65	156795	38.93	nq	# 82
48) Acenaphthylene	9.68	152	827375	37.52	nq	100
49) Dimethylphthalate	9.54	163	684314	41.92	nq	99
50) 2,6-Dinitrotoluene	9.61	165	145497	42.13	nq	# 76
51) Acenaphthene	9.85	154	490004	37.36	nq	100
52) 3-Nitroaniline	9.78	138	112458	27.02	nq	84
53) 2,4-Dinitrophenol	9.89	184	62354	37.39	nq	# 72
54) Dibenzofuran	10.02	168	704339	40.67	nq	99
55) 4-Nitrophenol	9.95	139	188177	76.68	nq	93
56) 2,4-Dinitrotoluene	10.01	165	163041	37.36	nq	# 38
57) Fluorene	10.36	166	566471	38.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126385	39.33	nq	98
59) Diethylphthalate	10.24	149	586440	35.59	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	254822	36.97	nq	95
61) 4-Nitroaniline	10.40	138	165181	40.29	nq	96
62) Azobenzene	10.51	77	650489	41.22	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	89585	34.62	nq	98
65) n-Nitrosodiphenylamine	10.48	169	524032	39.24	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	162435	37.26	nq	# 89
67) Hexachlorobenzene	10.91	284	169252	37.54	nq	94
68) Atrazine	11.00	200	156592	36.29	nq	98
69) Pentachlorophenol	11.10	266	163305	77.29	nq	99
70) Phenanthrene	11.32	178	885054	37.99	nq	99
71) Anthracene	11.37	178	818073	33.52	nq	100
72) Carbazole	11.53	167	787860	37.56	nq	100
73) Di-n-butylphthalate	11.86	149	1012146	38.94	nq	99
74) Fluoranthene	12.50	202	830537	34.28	nq	99
76) Benzidine	12.62	184	419726	31.36	nq	99
77) Pyrene	12.73	202	843387	31.55	nq	99
79) Butylbenzylphthalate	13.35	149	417569	34.69	nq	# 72
80) Benzo(a)anthracene	13.92	228	751821	33.62	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	175250	10.73	nq	98
82) Chrysene	13.96	228	717453	33.31	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	563870	35.29	nq	99
84) Di-n-octyl phthalate	14.52	149	1019447	39.96	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	587560	33.62	nq	99
87) Benzo(b)fluoranthene	14.93	252	877244m	43.90	nq	
88) Benzo(k)fluoranthene	14.97	252	500873m	28.31	nq	
89) Benzo(a)pyrene	15.28	252	641277	36.22	nq	99
90) Dibenzo(a,h)anthracene	16.69	278	495311	34.77	nq	96
91) Benzo(g,h,i)perylene	17.09	276	471525	34.21	nq	98

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

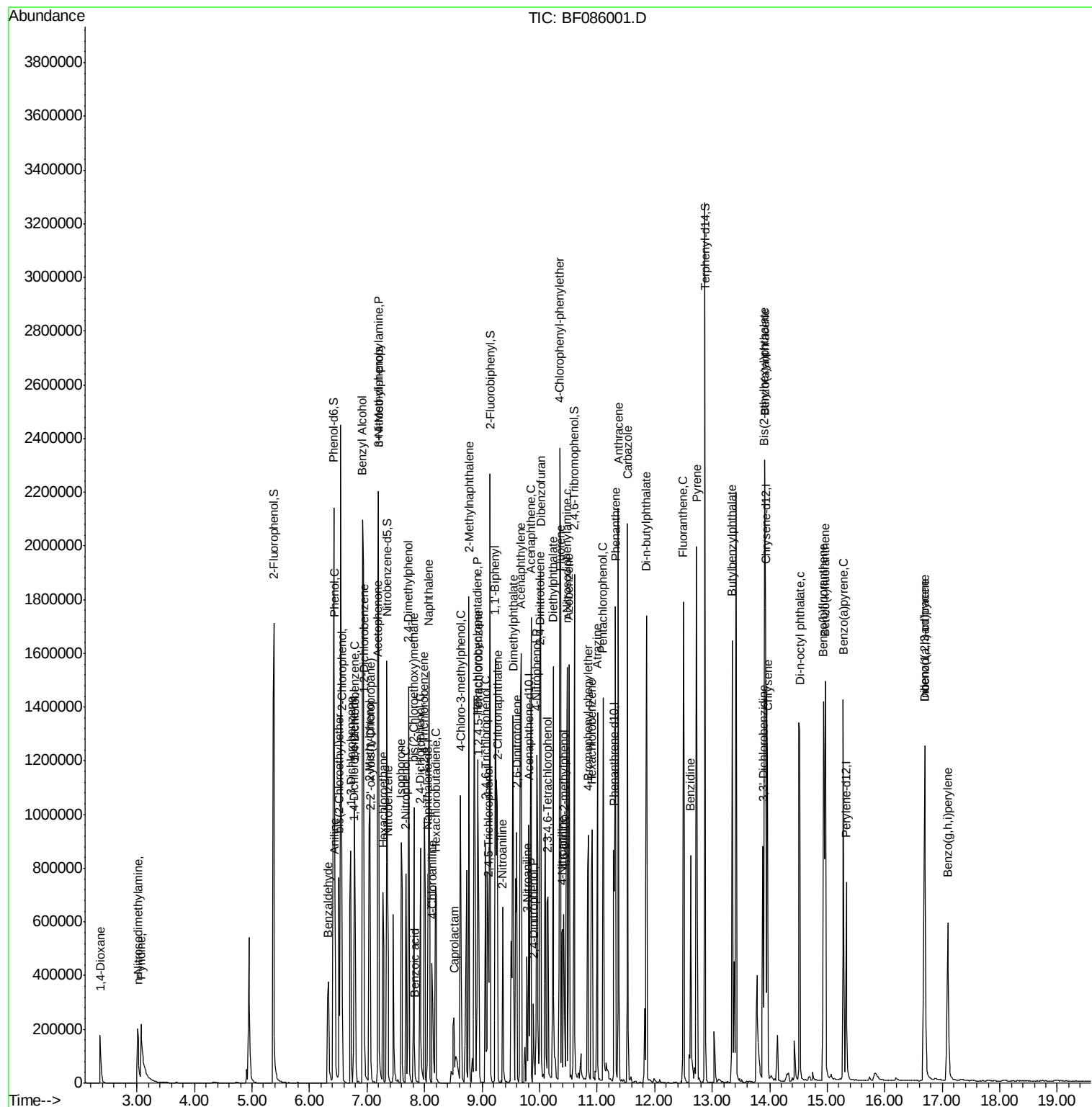
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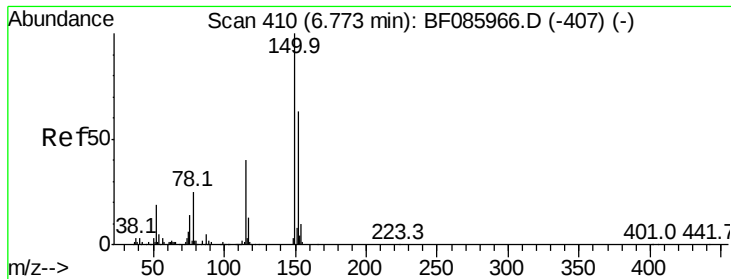
Instrument :
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#1

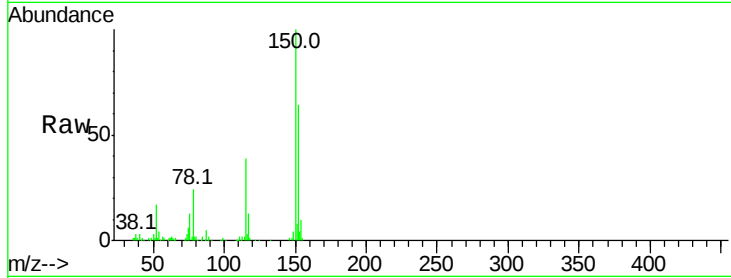
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

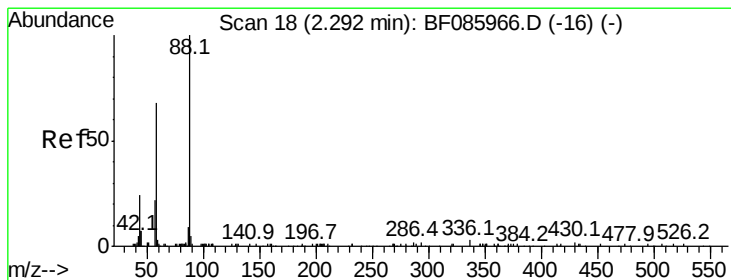
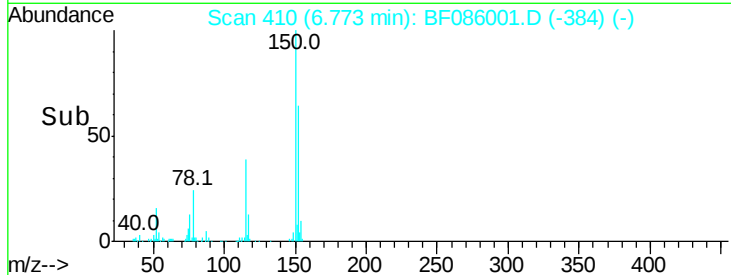
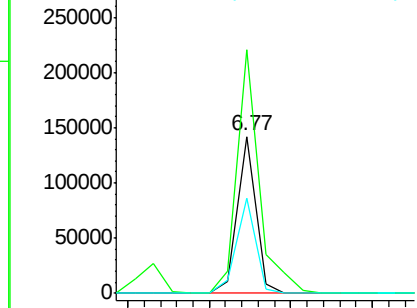
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	60.6	47.0	70.6

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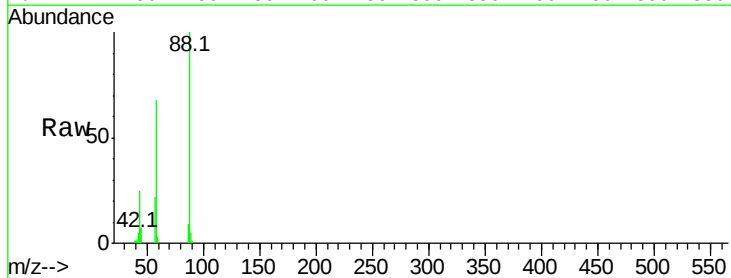
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



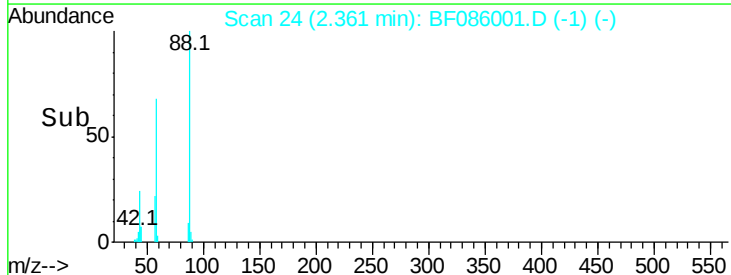
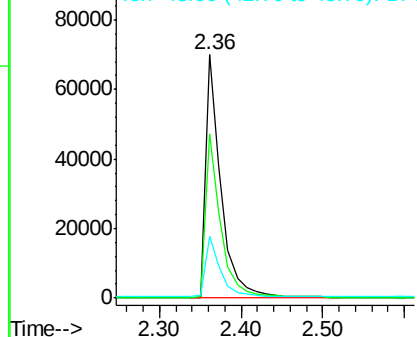
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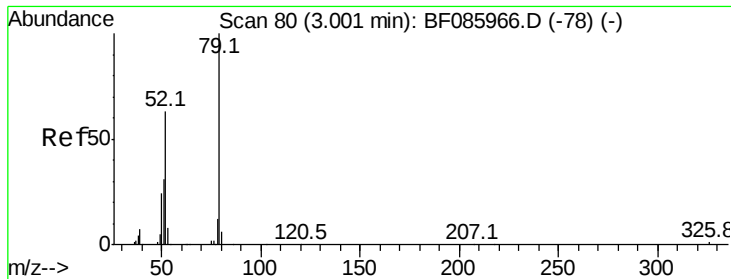
1,4-Dioxane
Concen: 30.30 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	54.2	81.2
43	23.8	19.3	28.9



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





#3

Pvridine

Concen: 36.95 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.07 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

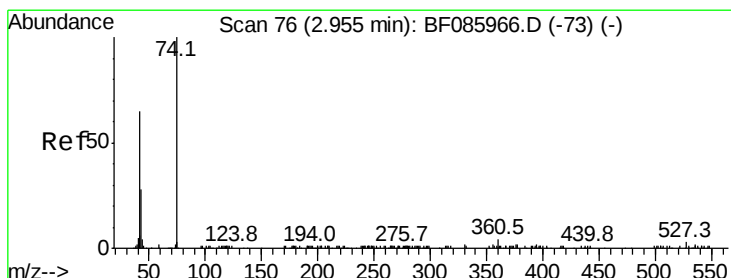
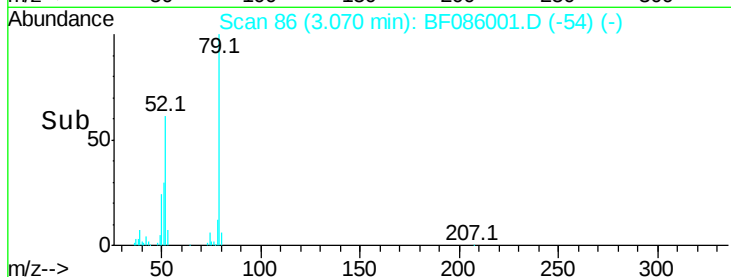
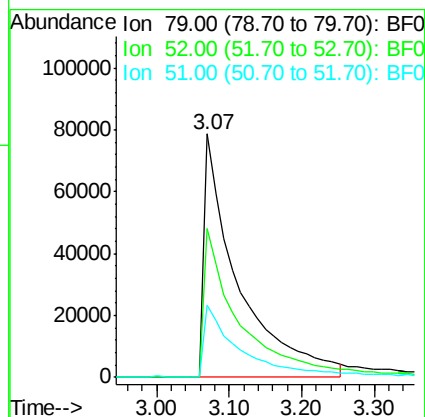
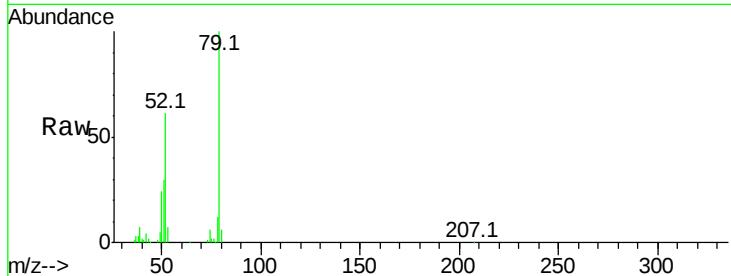
ClientSampleId :

BH-1(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	256530		
52	52	61.4		49.8	74.6
51	51	29.7		24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 35.45 ng

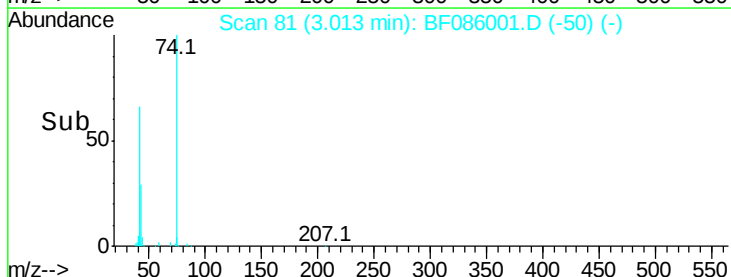
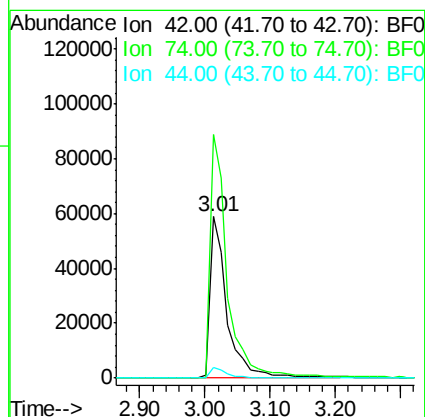
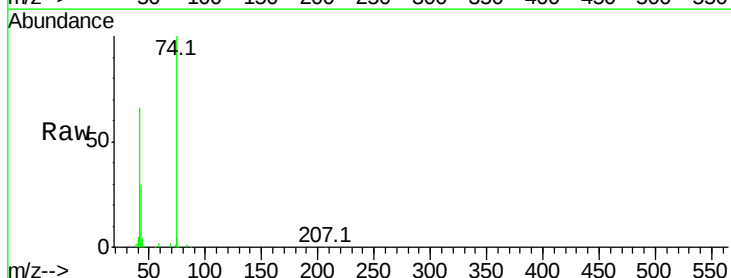
RT: 3.01 min Scan# 81

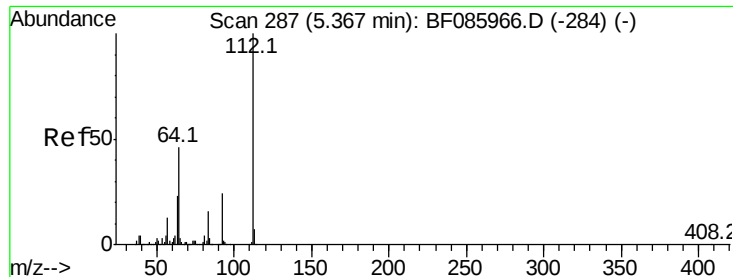
Delta R.T. 0.06 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	108228		
74	74	150.9		121.4	182.2
44	44	6.8		5.6	8.4





#5

2-Fluorophenol

Concen: 118.45 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

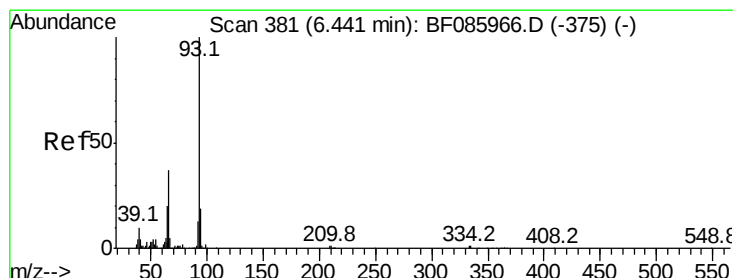
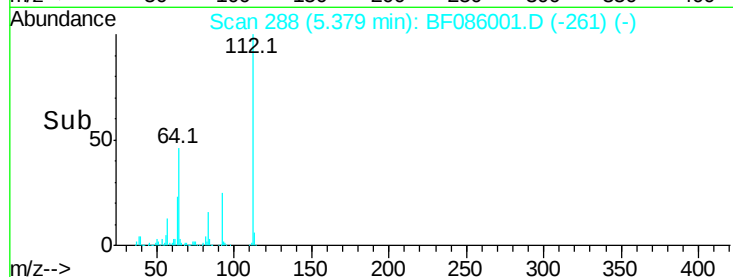
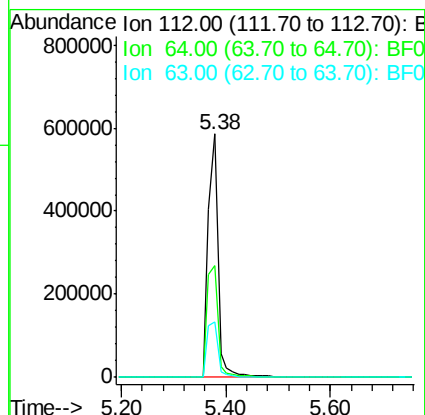
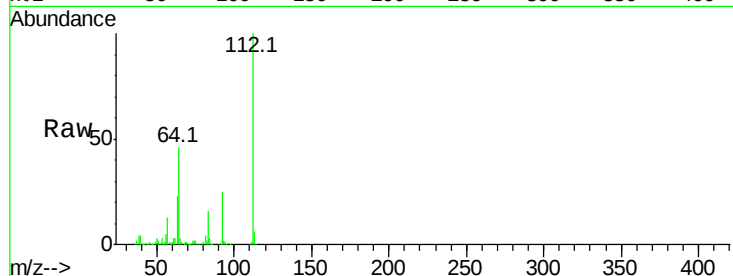
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100				
64	45.9	39.9	59.9		
63	22.9	20.2	30.2		



#6

Aniline

Concen: 27.15 ng

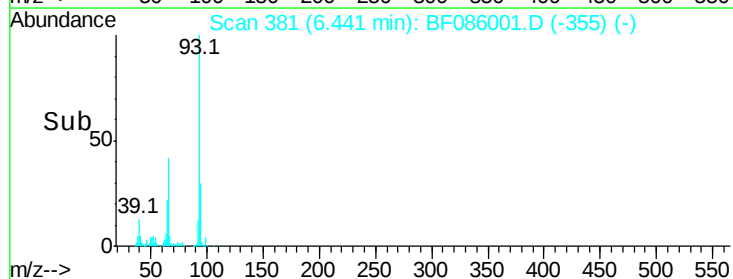
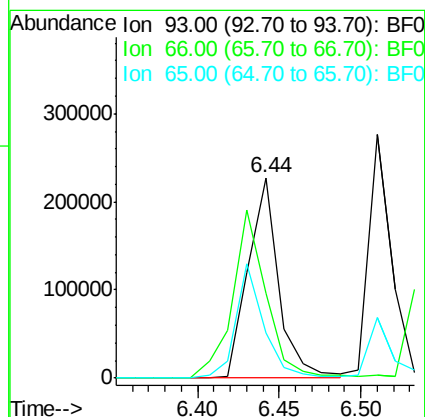
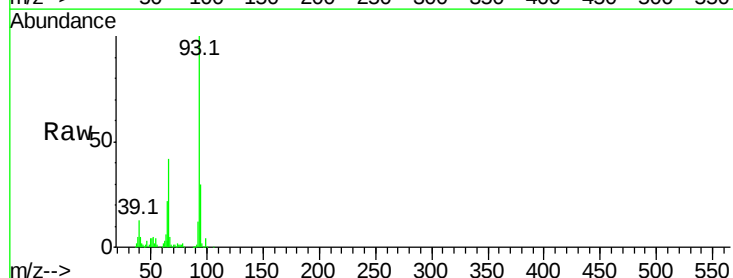
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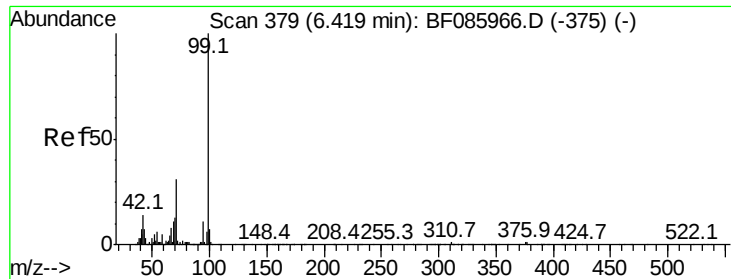
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
66	42.4	31.4	47.2		
65	22.4	15.7	23.5		





#7

Phenol-d6

Concen: 109.54 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

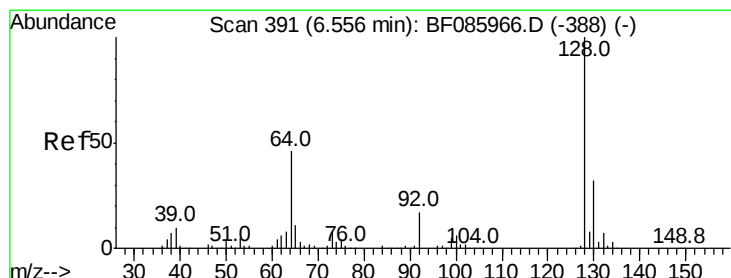
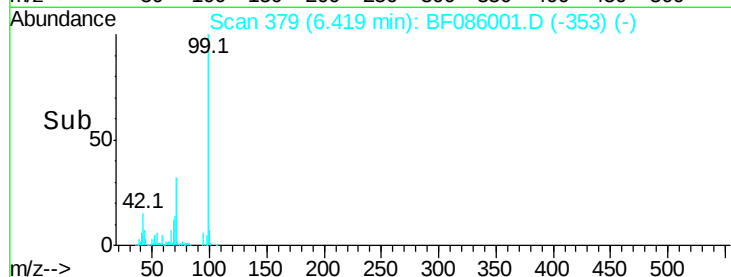
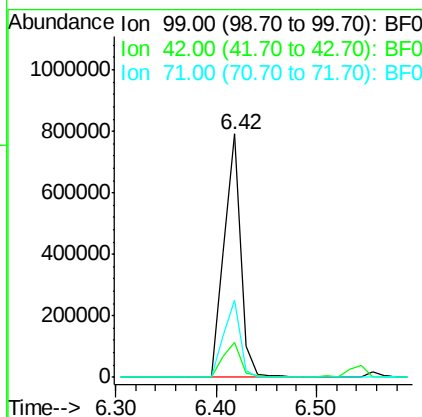
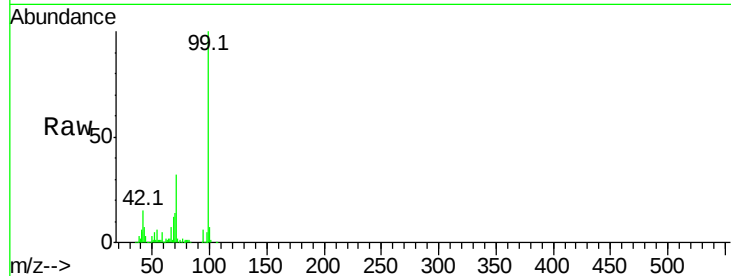
ClientSampleId :

BH-1(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		910005		
42	14.6	11.1	16.7		
71	31.9	24.9	37.3		

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#8

2-Chlorophenol

Concen: 37.43 ng

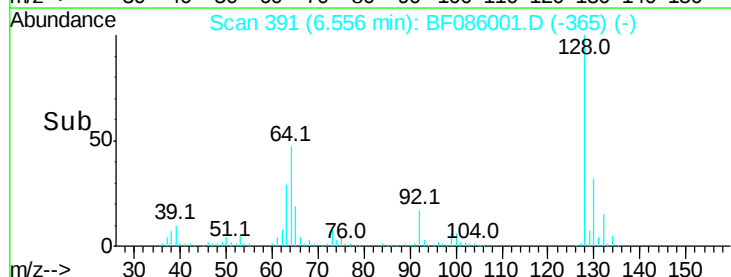
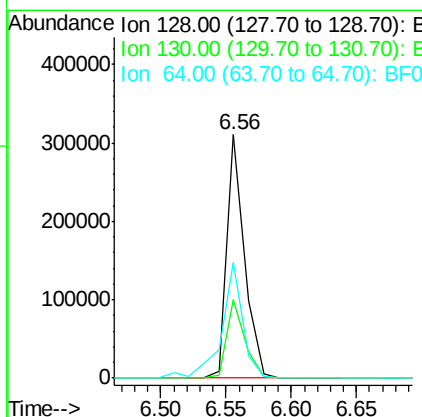
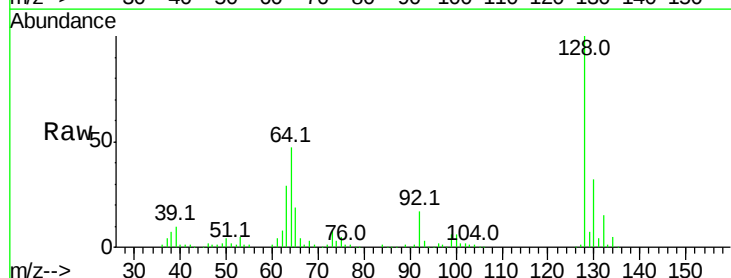
RT: 6.56 min Scan# 391

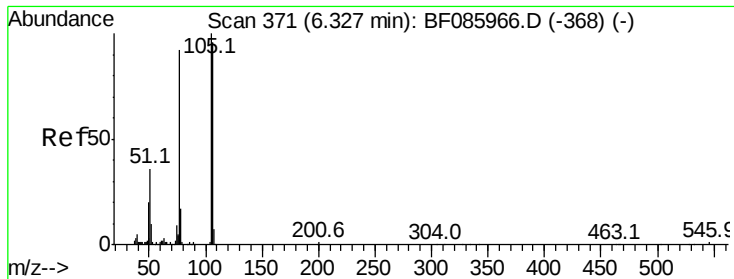
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		291931		
130	32.3	12.9	52.9		
64	47.5	20.2	60.2		





#9

Benzaldehyde

Concen: 30.39 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

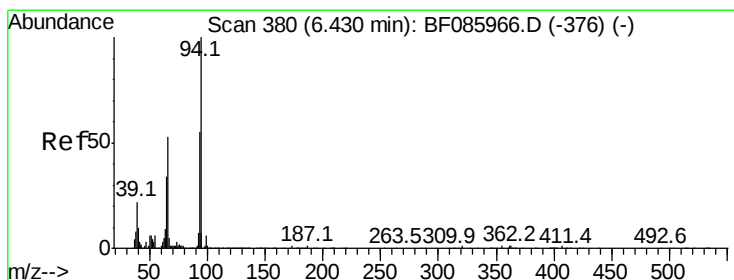
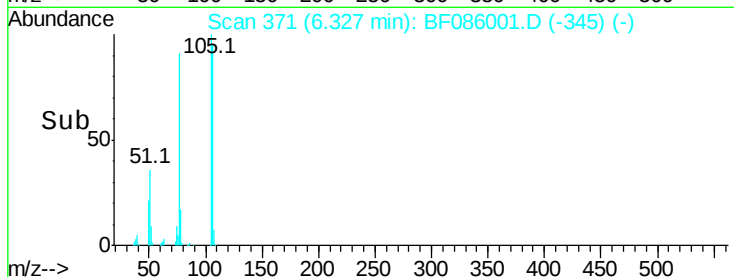
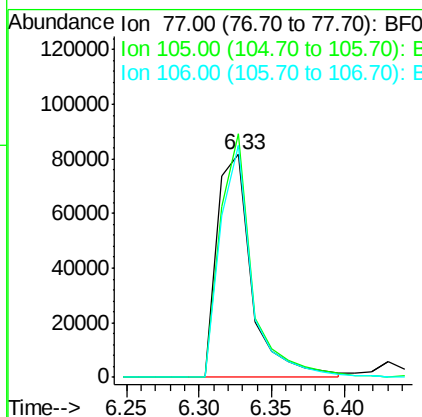
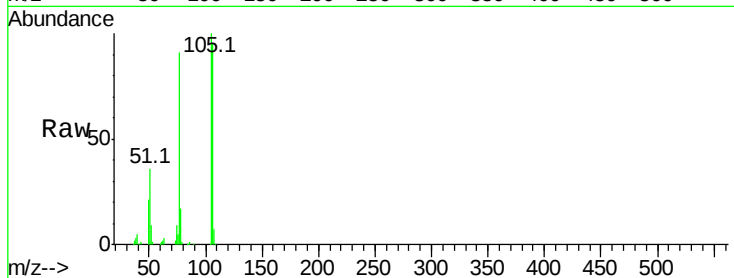
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Tot Ion:	77	Resp:	135842
Ion Ratio	Lower	Upper	
77	100		
105	109.3	80.1	120.1
106	104.1	75.0	115.0



#10

Phenol

Concen: 40.38 ng

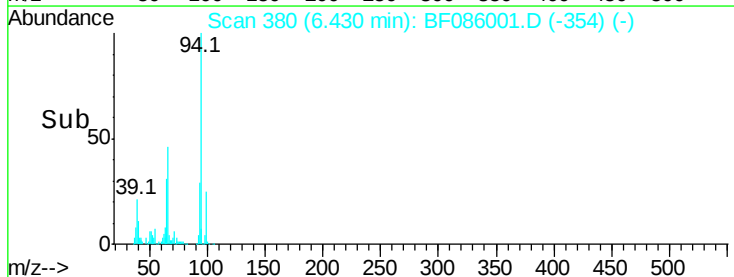
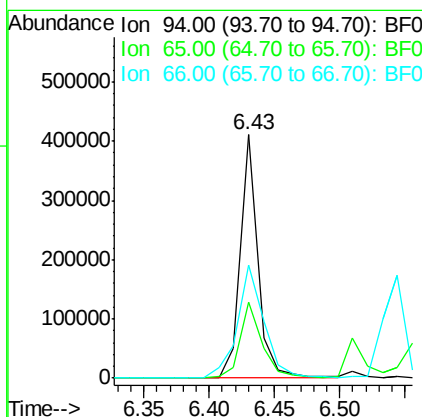
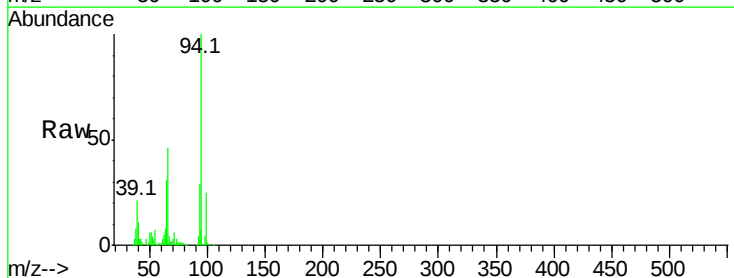
RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	94	Resp:	382654
Ion Ratio	Lower	Upper	
94	100		
65	31.4	8.6	48.6
66	46.3	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 36.15 ng/mL

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

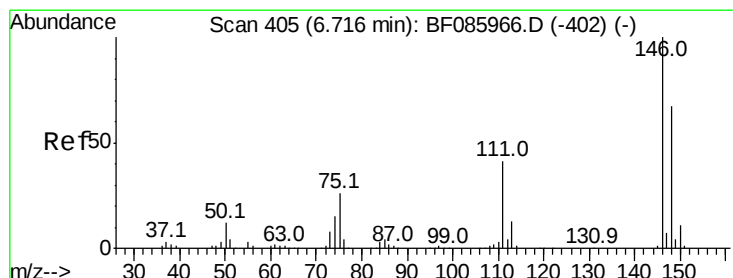
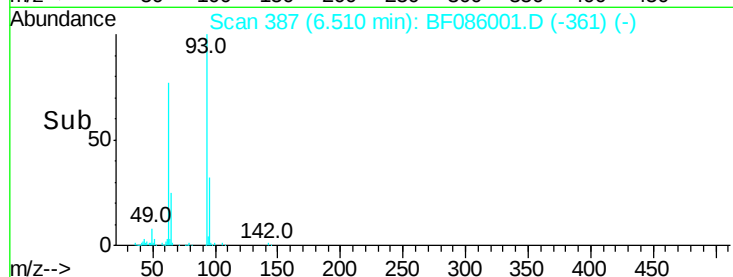
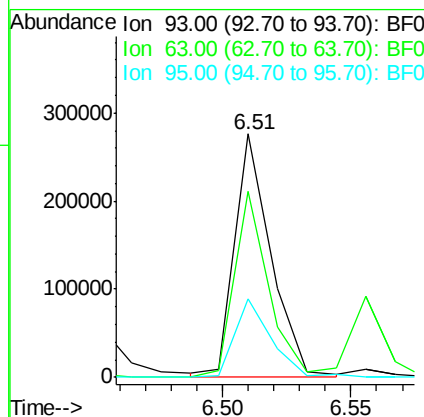
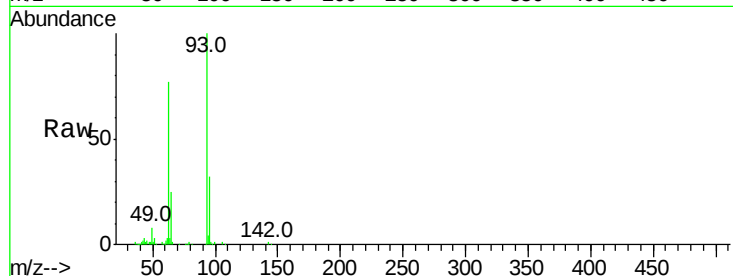
ClientSampleId :

BH-1(0-2)MSD

Tot Ion	93	Resp	271293
Ion Ratio	Lower	Upper	
93	100		
63	76.6	50.9	90.9
95	32.1	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 35.10 ng/mL

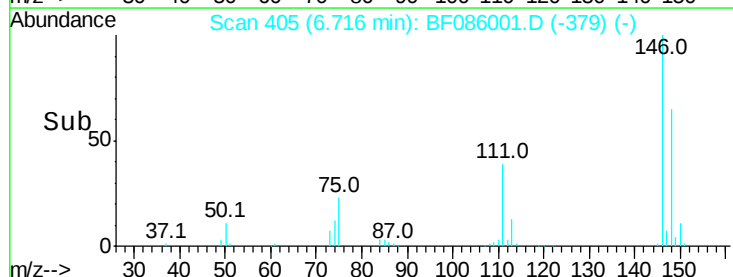
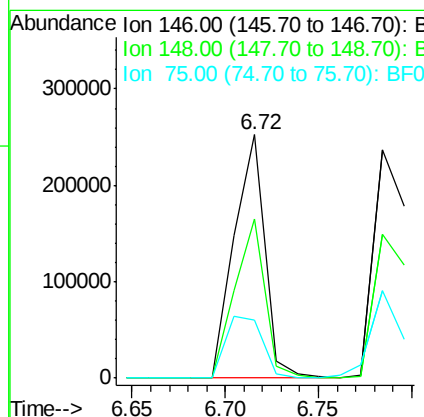
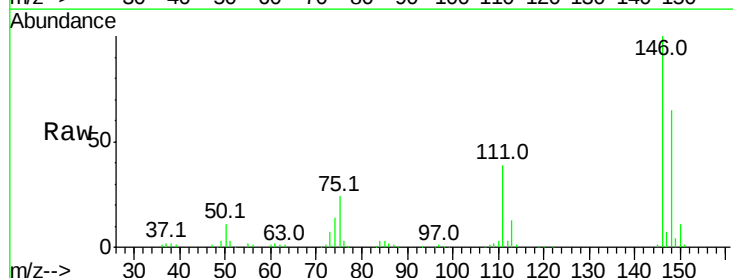
RT: 6.72 min Scan# 405

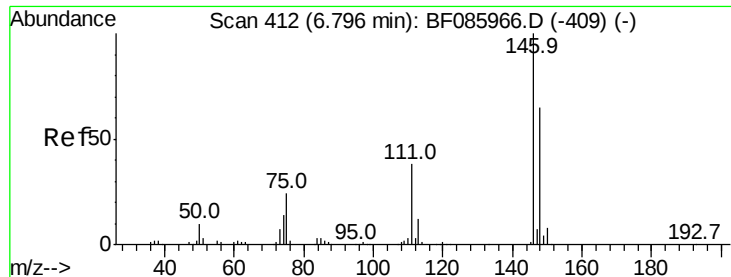
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion	146	Resp	290200
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.3	78.5
75	23.8	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 35.57 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

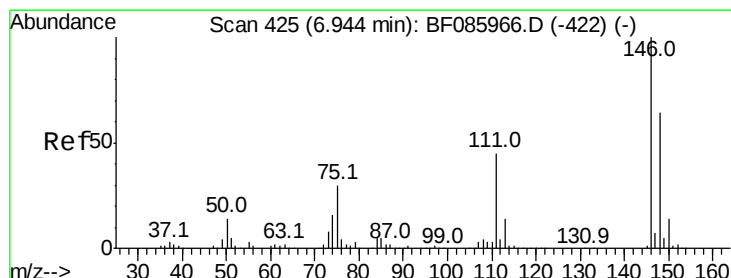
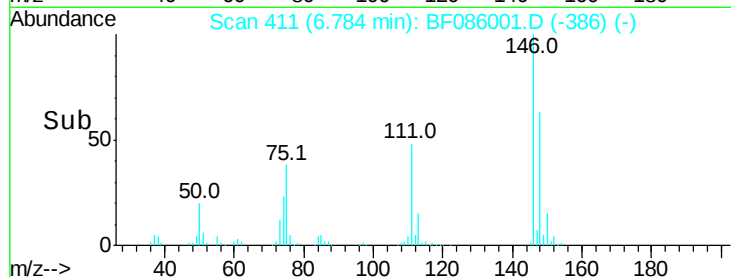
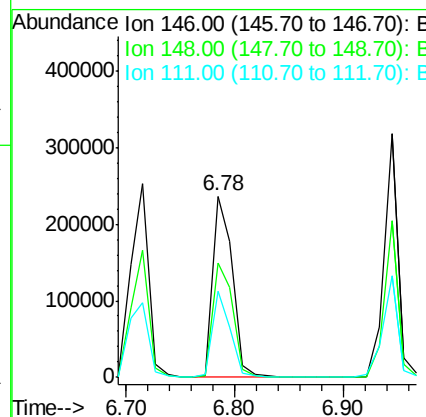
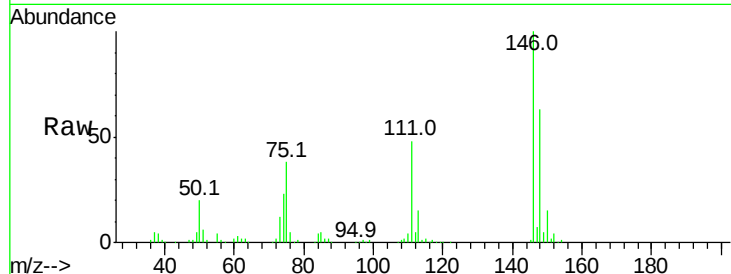
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	146	Resp:	302948
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	76.0
111	47.8	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.23 ng

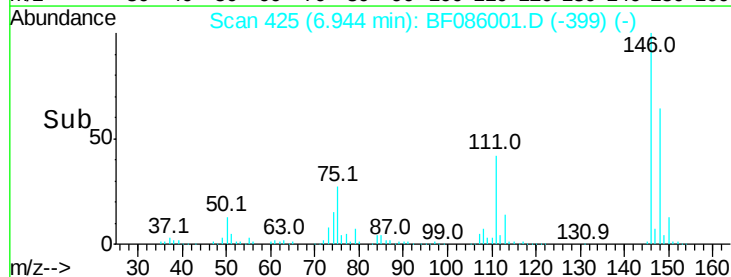
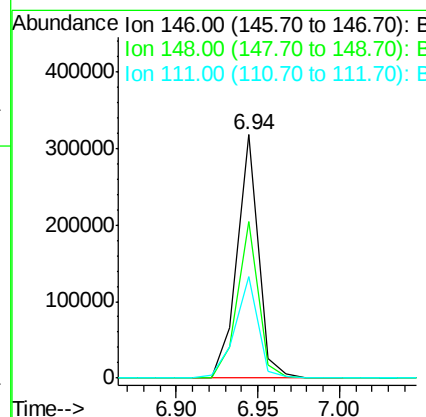
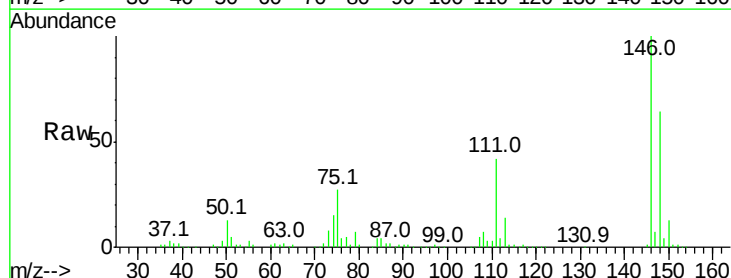
RT: 6.94 min Scan# 425

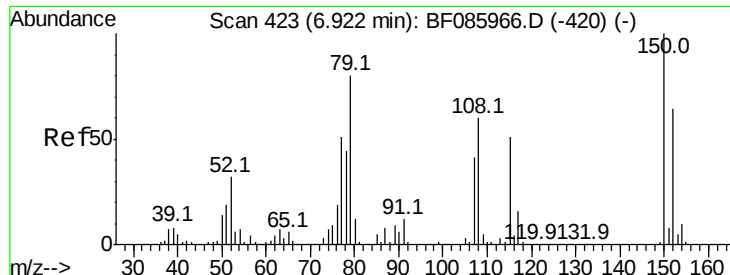
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	146	Resp:	284054
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.2
111	41.8	34.6	52.0





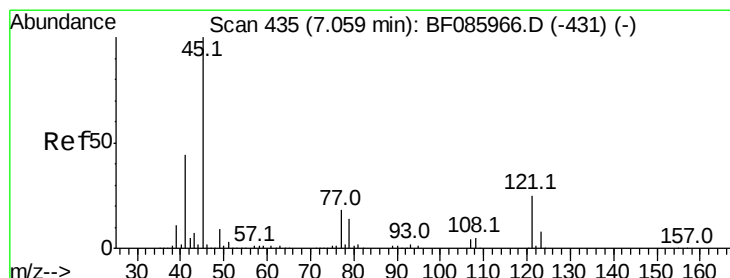
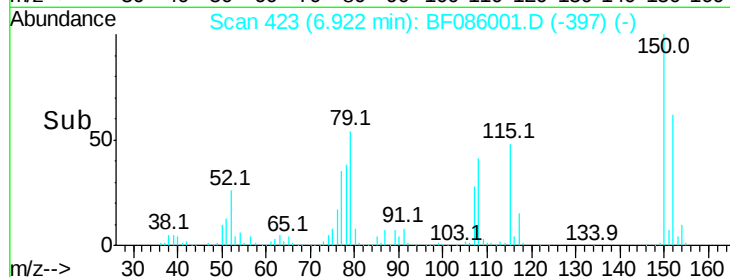
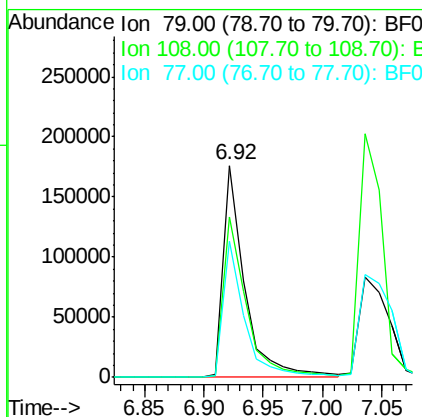
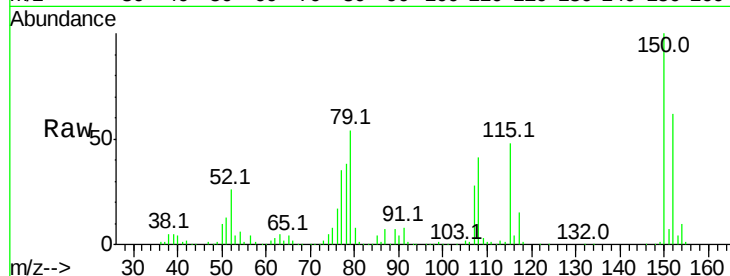
#15
Benzyl Alcohol
Concen: 40.79 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	61.8	92.6
77	64.3	49.6	74.4

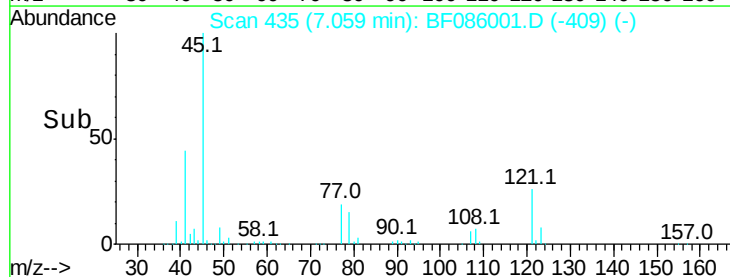
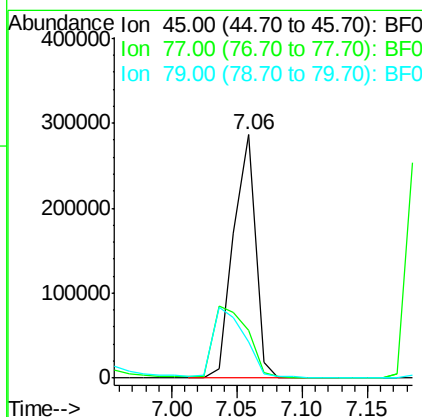
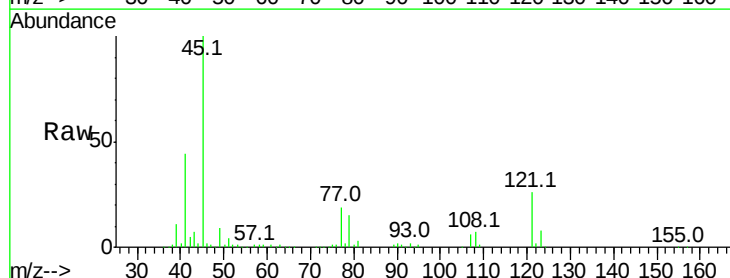
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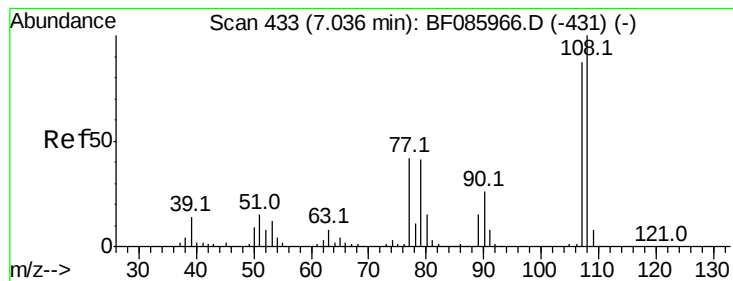
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.62 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	35.7
79	15.1	0.0	32.2





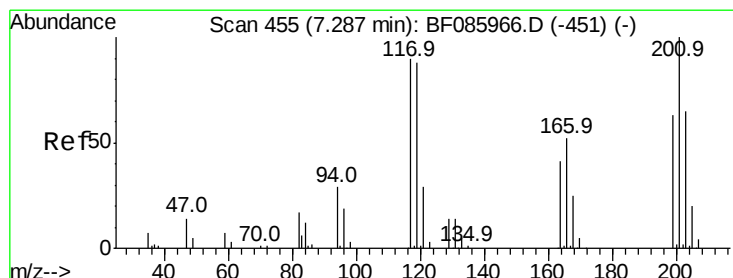
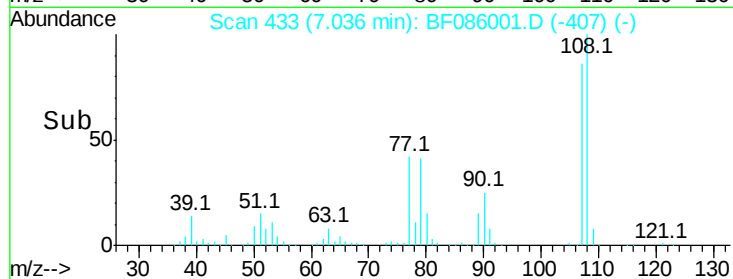
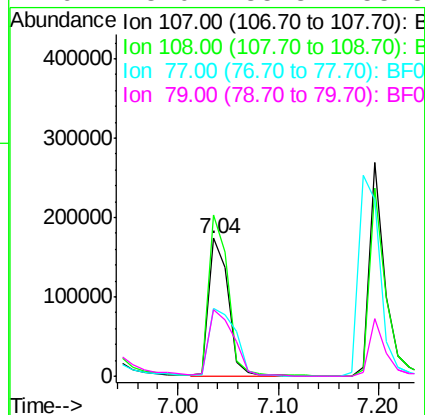
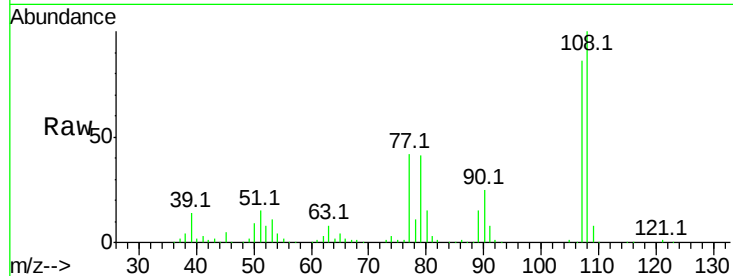
#17
2-Methylphenol
Concen: 37.80 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	232474		
108	108	116.5	91.4	137.0	
77	77	49.1	36.2	54.2	
79	79	48.0	35.8	53.8	

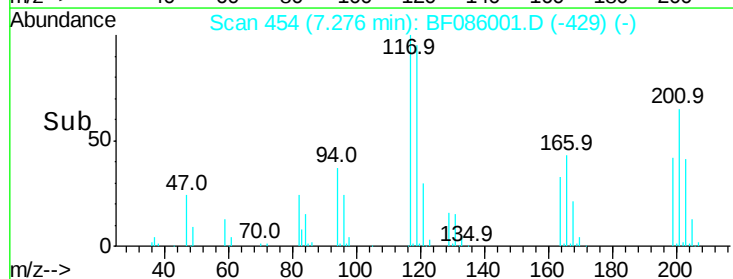
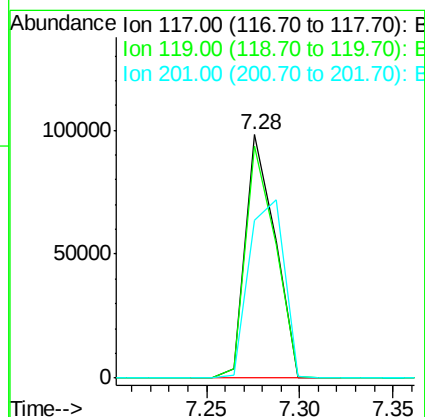
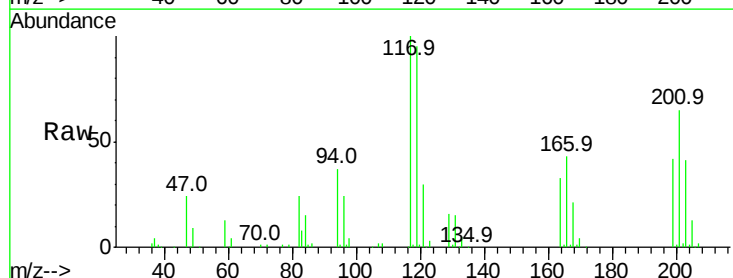
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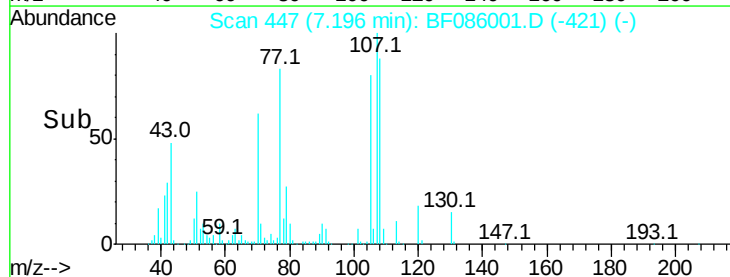
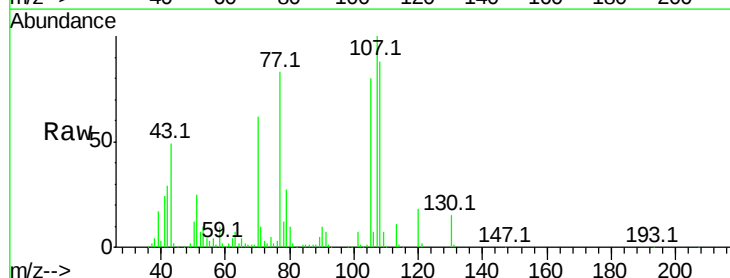
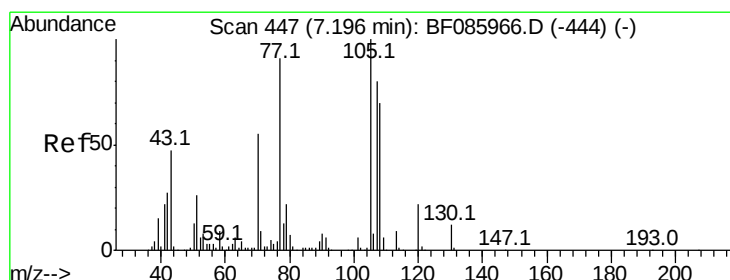
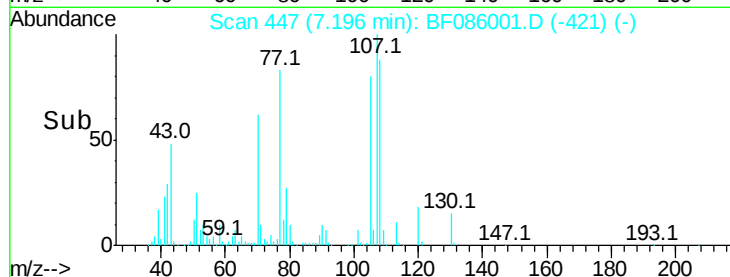
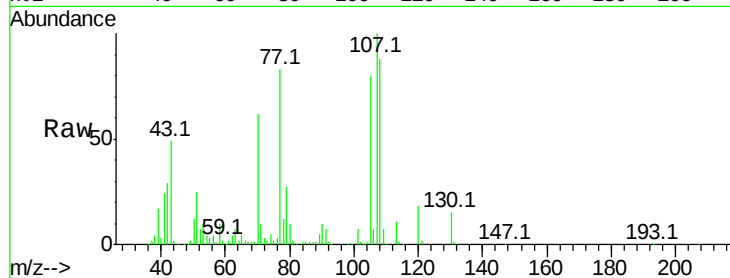
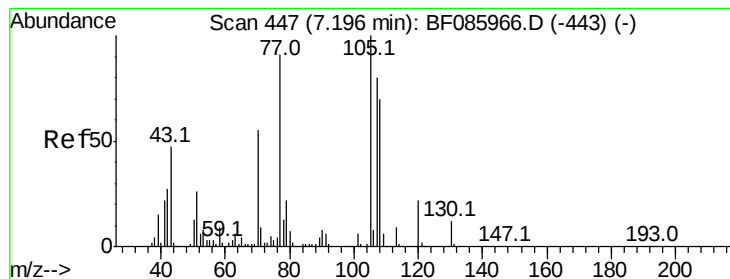
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#18
Hexachloroethane
Concen: 34.50 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	108087		
119	119	95.2	76.7	115.1	
201	201	65.1	83.3	124.9	#





#19

n-Nitroso-di-n-propylamine

Concen: 38.47 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MSD

Tot Ion: 70 Resp: 198088

Ion Ratio Lower Upper

70 100

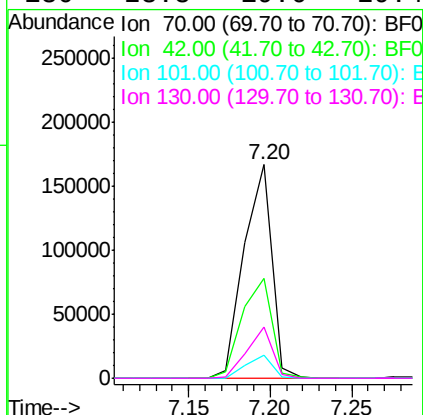
42 46.8 37.1 55.7

101 10.7 8.6 12.8

130 23.8 19.6 29.4

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#20

3+4-Methylphenols

Concen: 39.33 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:107 Resp: 294177

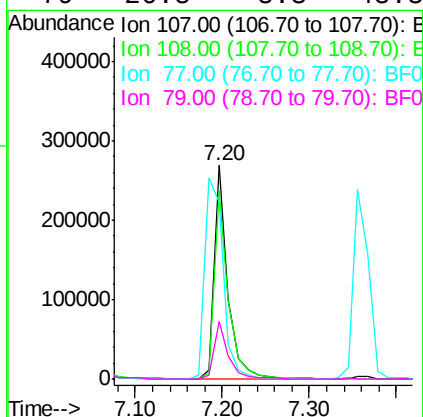
Ion Ratio Lower Upper

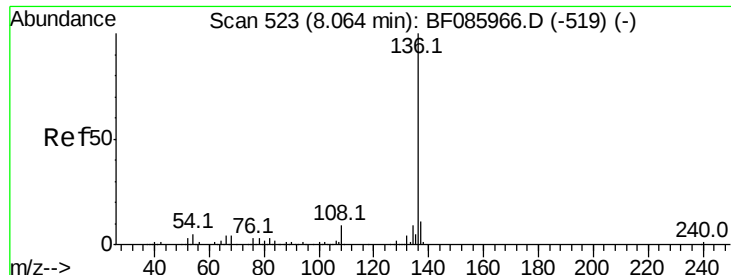
107 100

108 88.1 69.3 109.3

77 83.0 101.7 141.7#

79 26.8 8.3 48.3





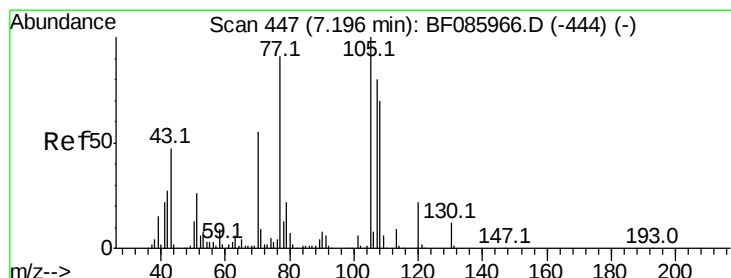
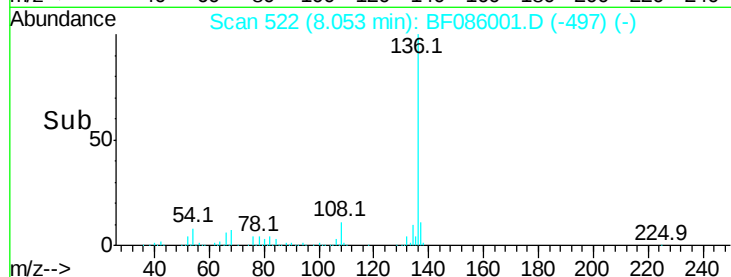
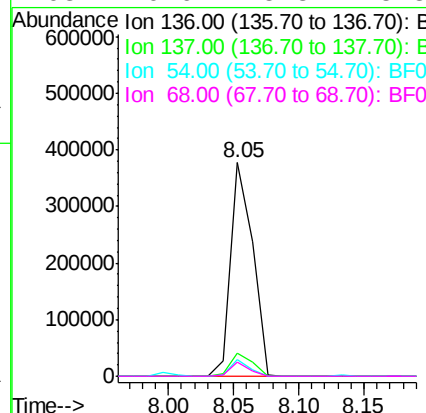
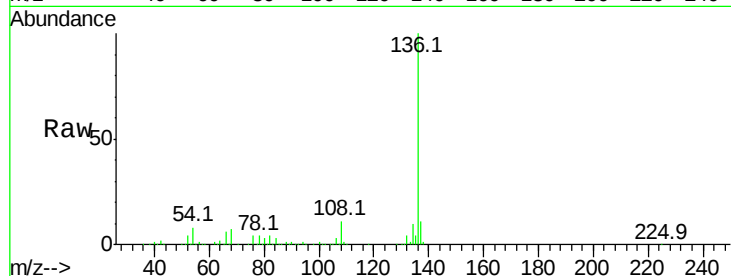
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	8.0	7.4	11.0	
68	6.6	5.8	8.8	

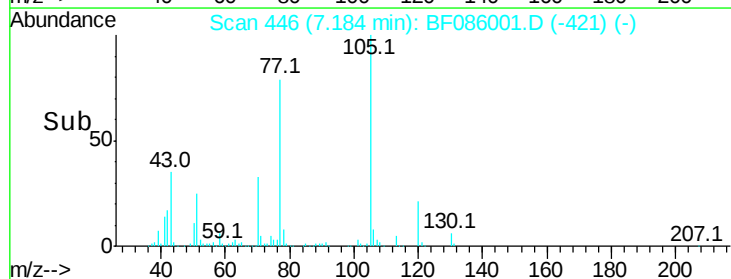
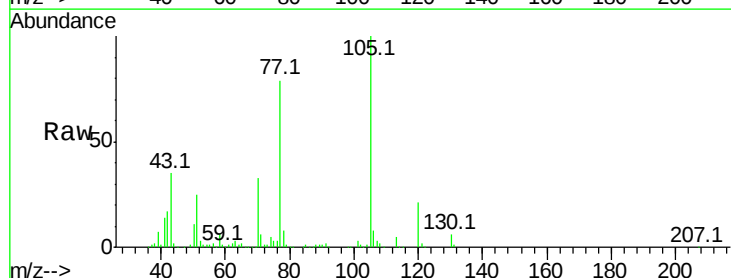
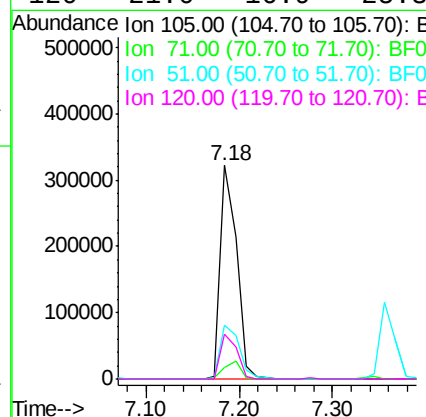
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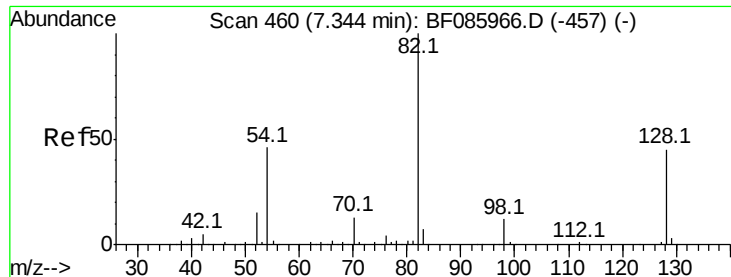
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#22
Acetophenone
Concen: 37.49 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	3.6	5.4#	
51	25.3	25.4	38.0#	
120	21.0	16.9	25.3	





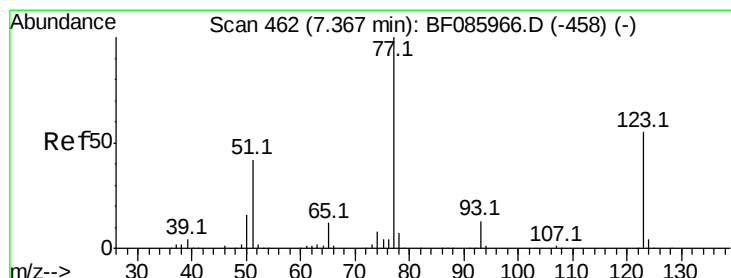
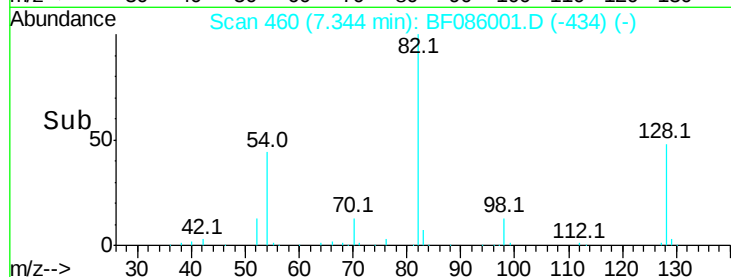
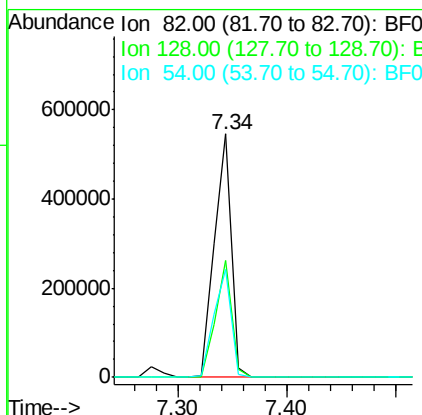
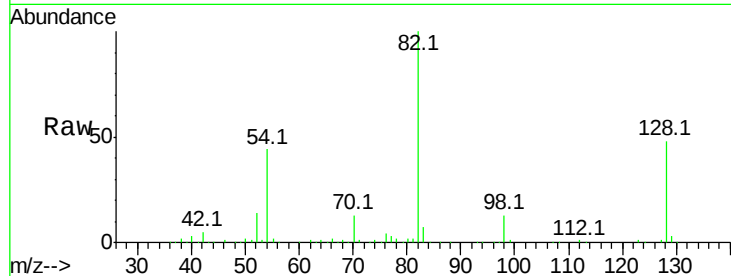
#23
 Nitrobenzene-d5
 Concen: 79.93 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	600083		
128	48.2		41.8	62.8
54	44.3		33.4	50.0

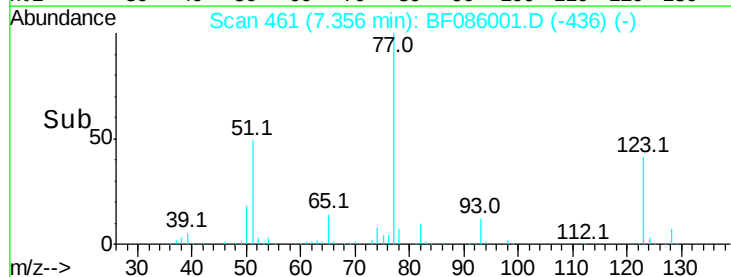
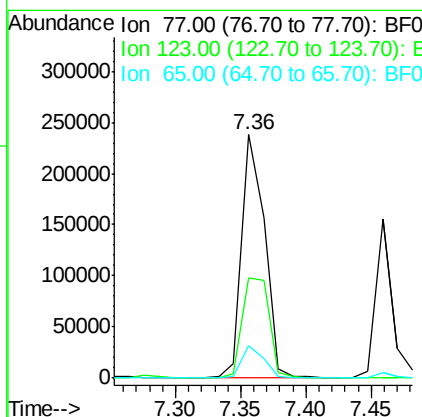
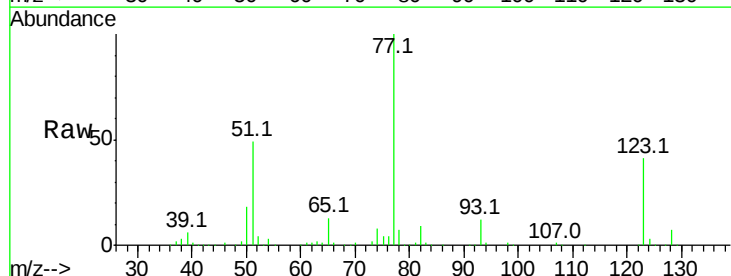
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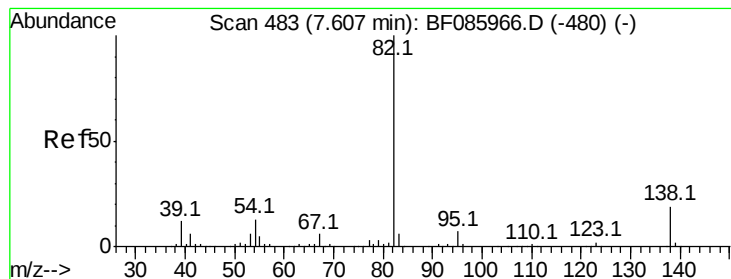
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#24
 Nitrobenzene
 Concen: 35.10 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	288336		
123	41.1		35.0	52.4
65	13.5		10.6	16.0





#25

Isophorone

Concen: 37.59 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

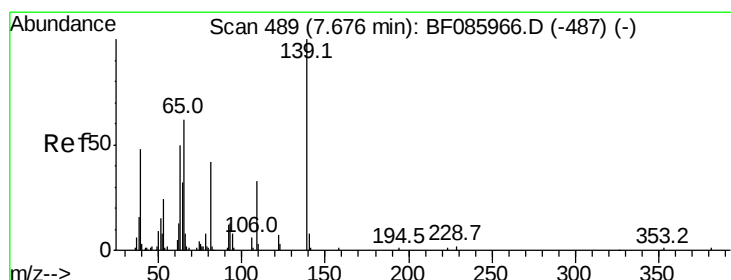
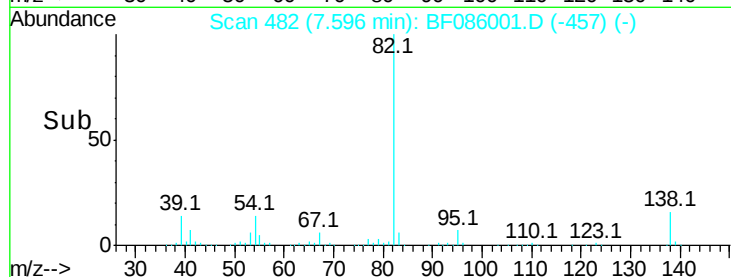
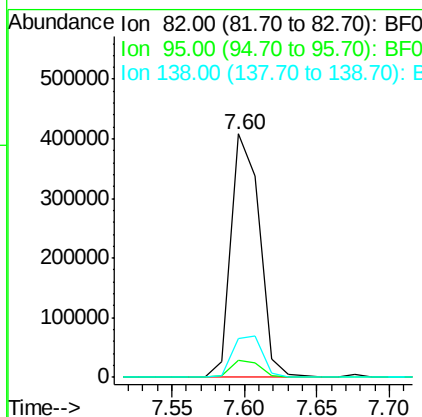
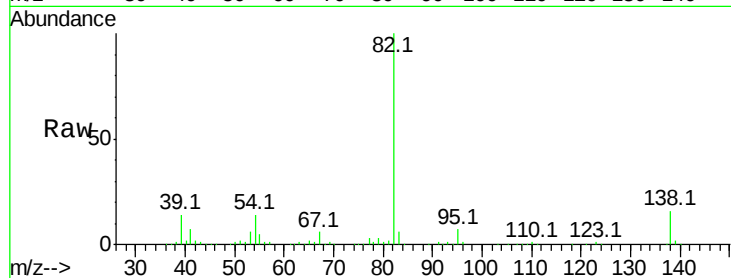
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	82	Resp:	557097
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	16.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.95 ng

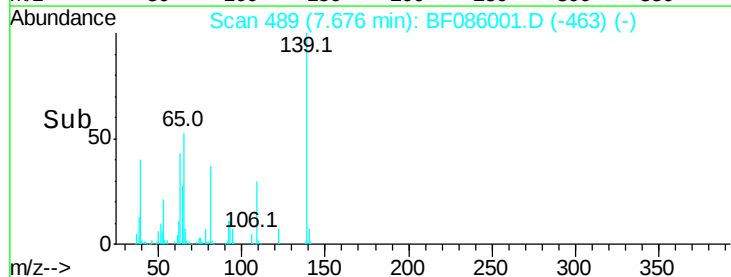
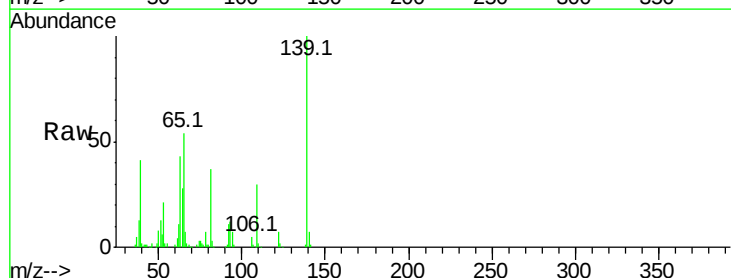
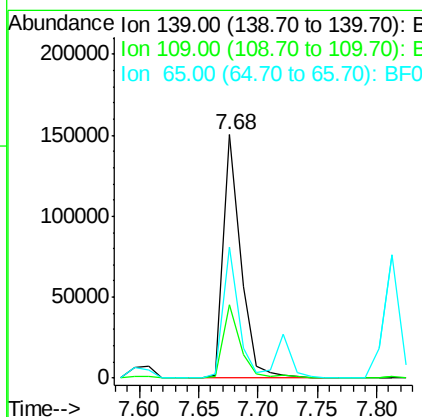
RT: 7.68 min Scan# 489

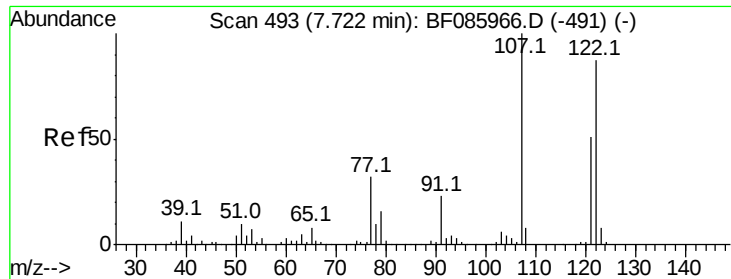
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	139	Resp:	153076
Ion Ratio	Lower	Upper	
139	100		
109	30.1	22.1	33.1
65	53.9	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 38.00 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

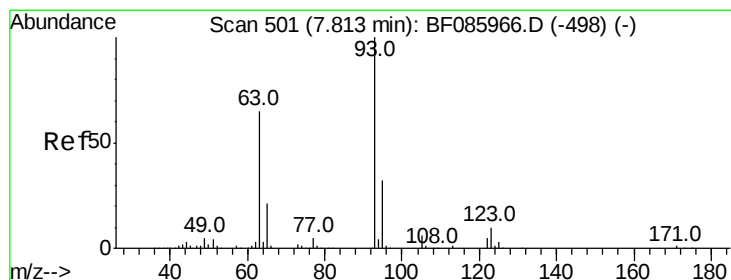
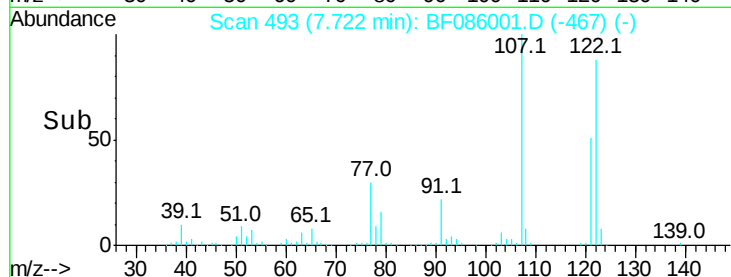
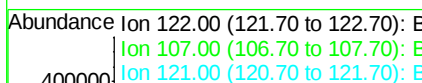
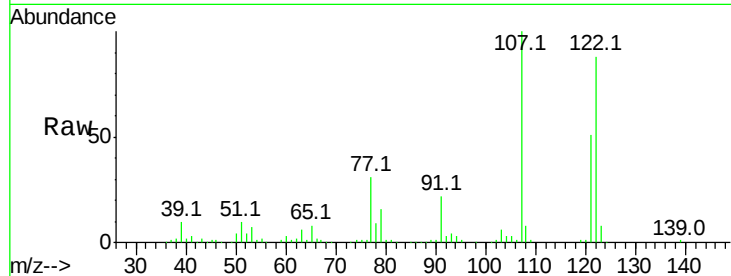
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	122	Resp:	268194
Ion Ratio	Lower	Upper	
122	100		
107	113.7	93.0	139.6
121	58.3	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.50 ng

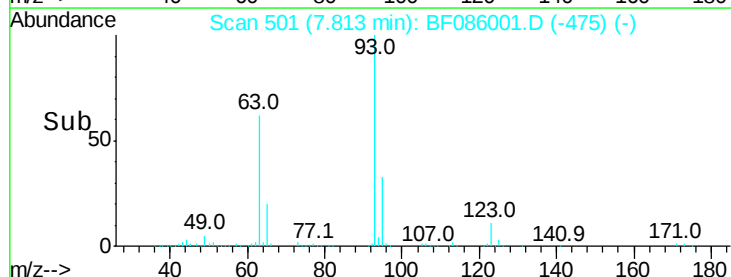
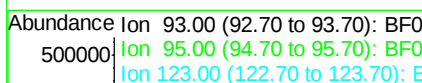
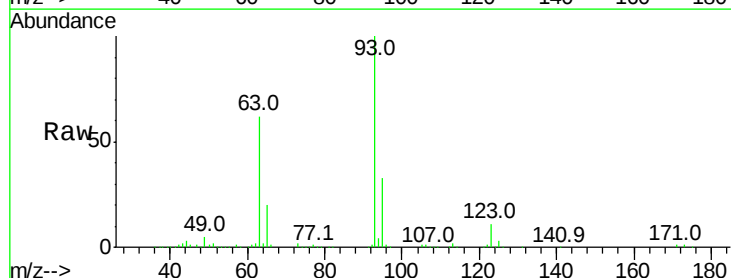
RT: 7.81 min Scan# 501

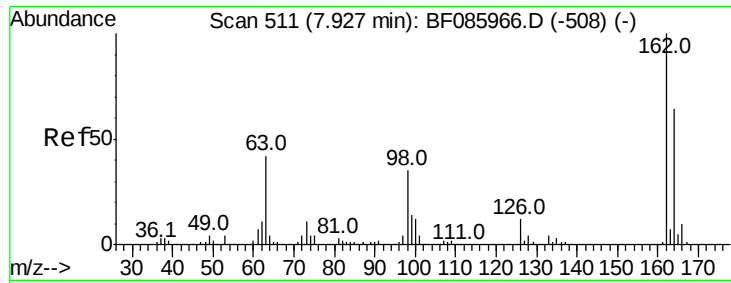
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	93	Resp:	352136
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.4	39.6
123	10.8	9.8	14.6





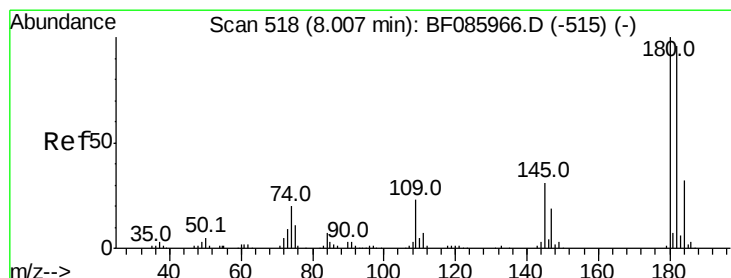
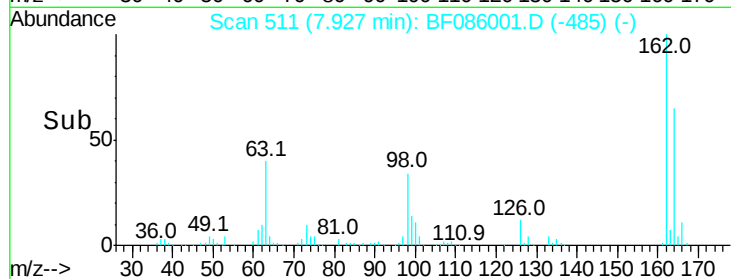
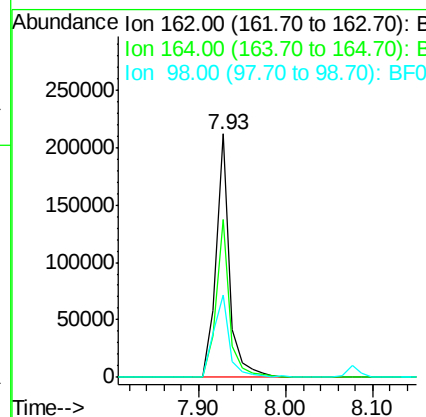
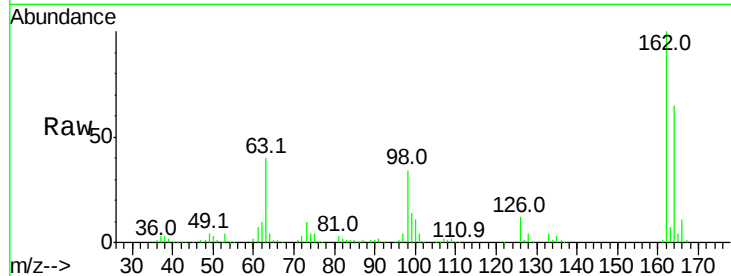
#29
 2,4-Dichlorophenol
 Concen: 38.92 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion:	162	Resp:	232261
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.7	83.7
98	33.9	20.4	60.4

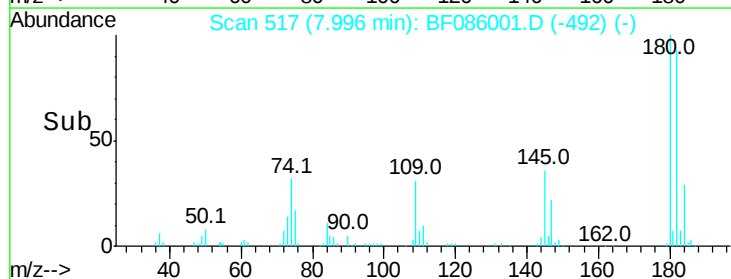
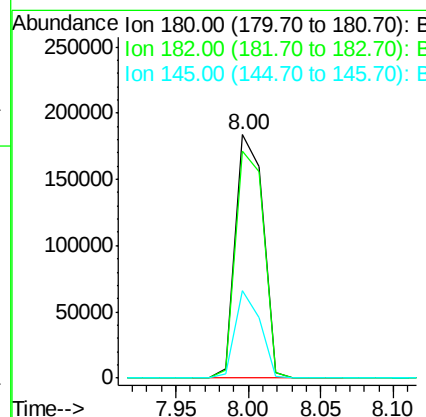
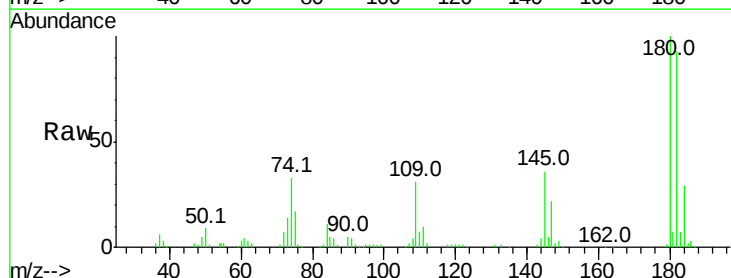
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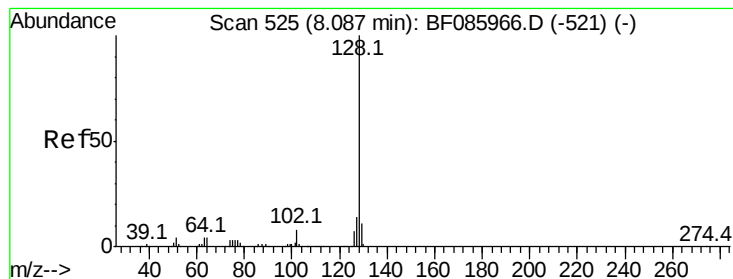
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.40 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion:	180	Resp:	243775
Ion Ratio	Lower	Upper	
180	100		
182	93.2	73.8	110.8
145	36.1	28.4	42.6





#31

Naphthalene

Concen: 36.30 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

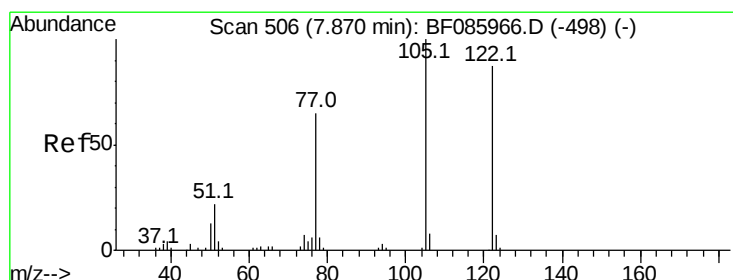
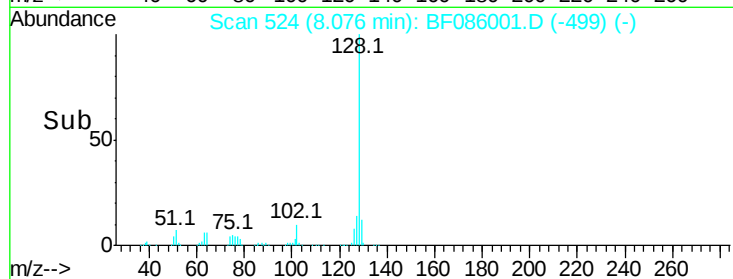
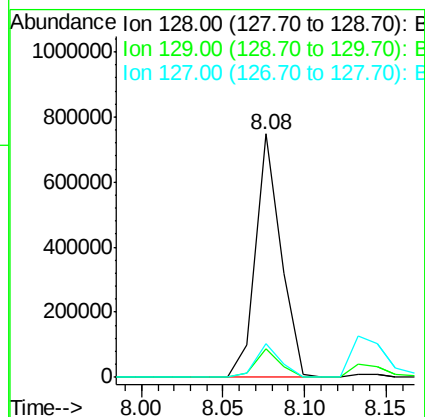
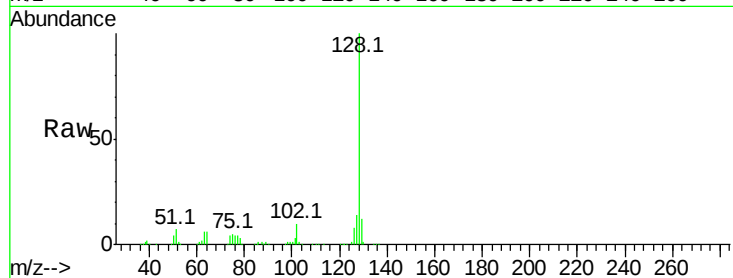
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	128	Resp:	808409
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.0
127	13.7	11.0	16.6

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#32

Benzoic acid

Concen: 3.47 ng

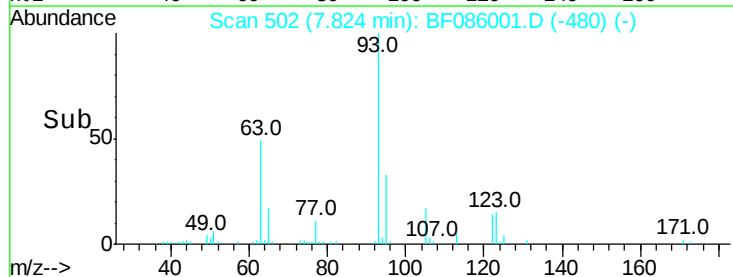
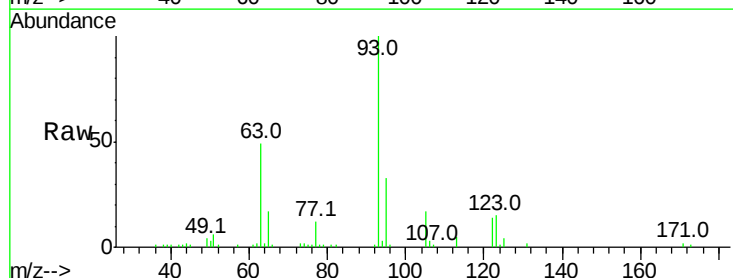
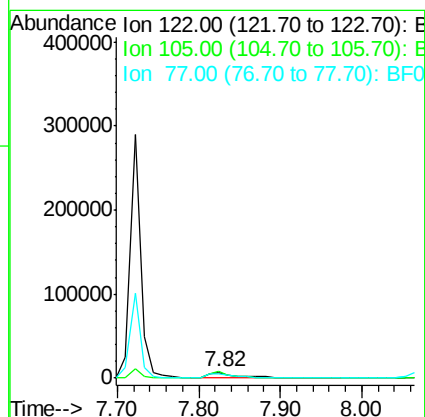
RT: 7.82 min Scan# 502

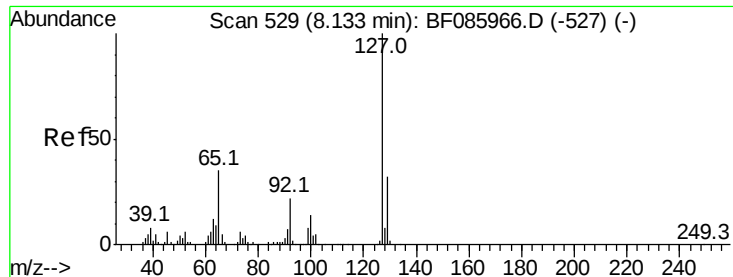
Delta R.T. -0.05 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	122	Resp:	17990
Ion Ratio	Lower	Upper	
122	100		
105	119.1	102.9	142.9
77	84.3	71.8	111.8





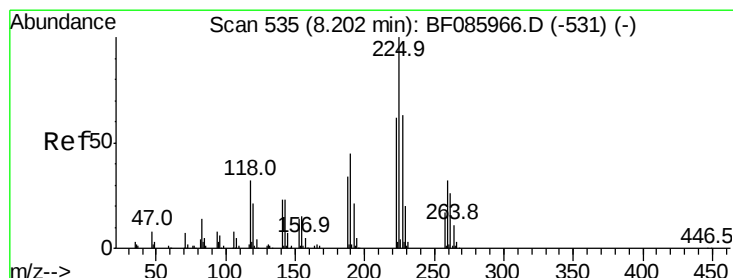
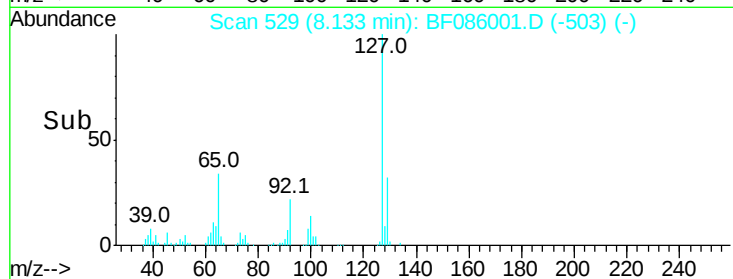
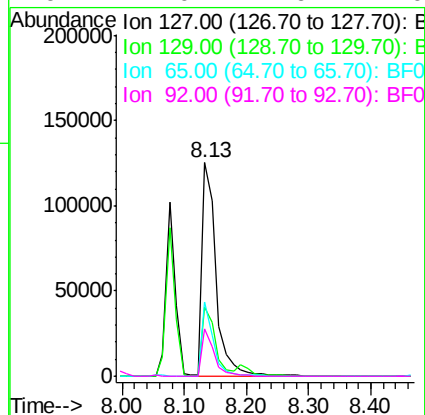
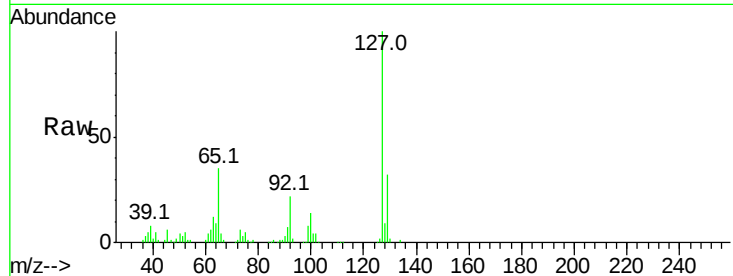
#33
4-Chloroaniline
Concen: 22.26 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	200227		
129	32.3		26.1	39.1
65	34.8		19.5	29.3
92	22.0		14.6	22.0

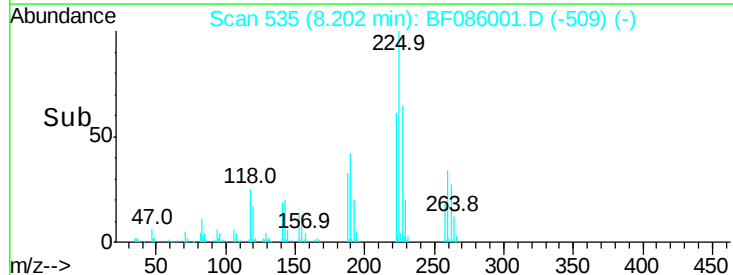
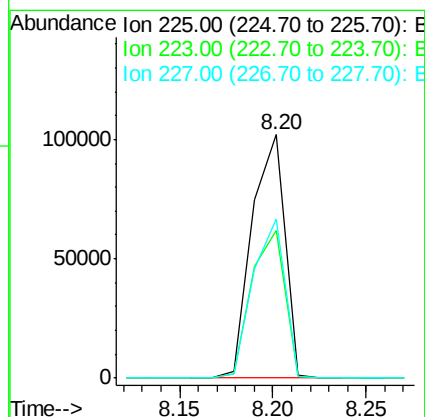
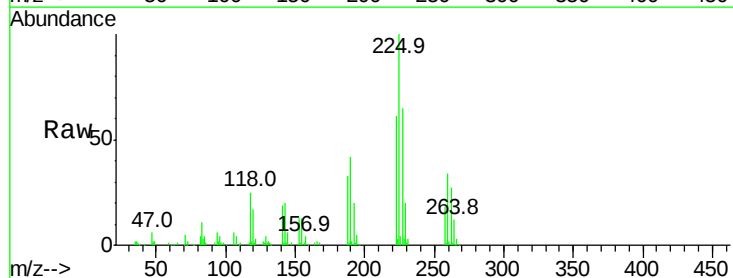
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#34
Hexachlorobutadiene
Concen: 34.48 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124149		
223	60.8		50.4	75.6
227	65.4		51.4	77.2





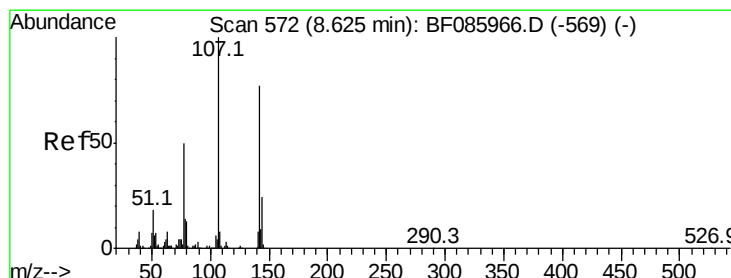
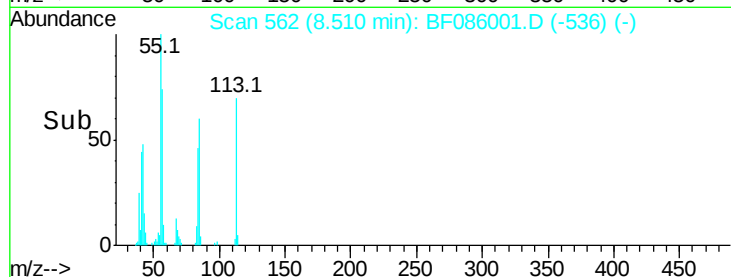
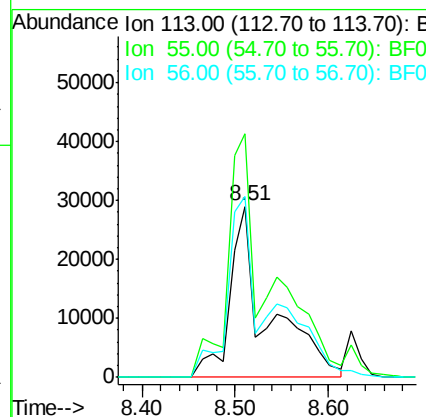
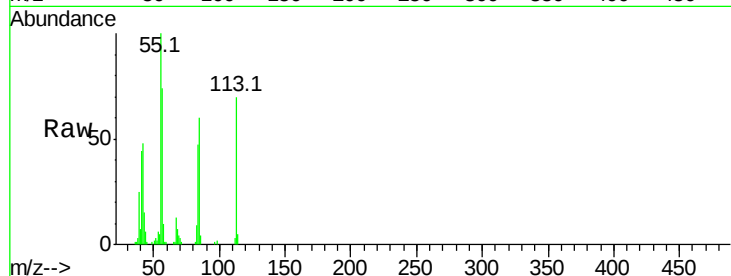
#35
 Caprolactam
 Concen: 43.41 ng/ml
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.3	139.4	179.4
56	105.8	100.4	140.4

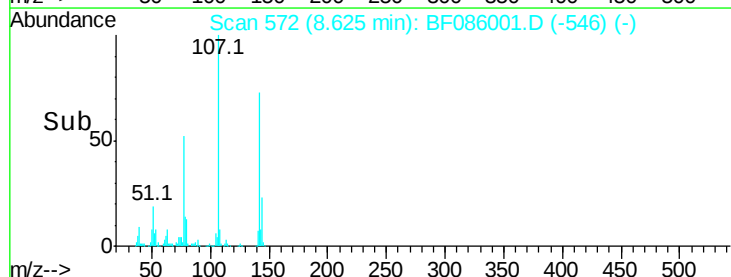
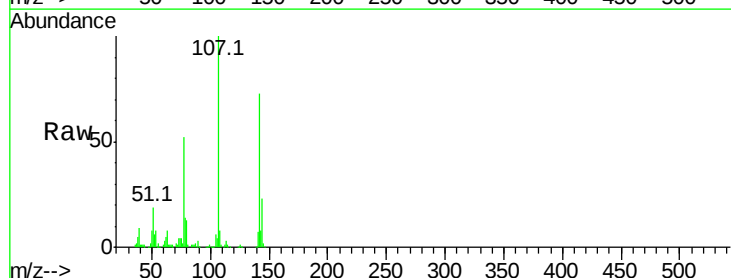
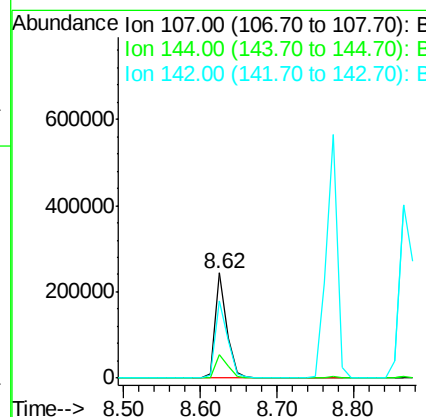
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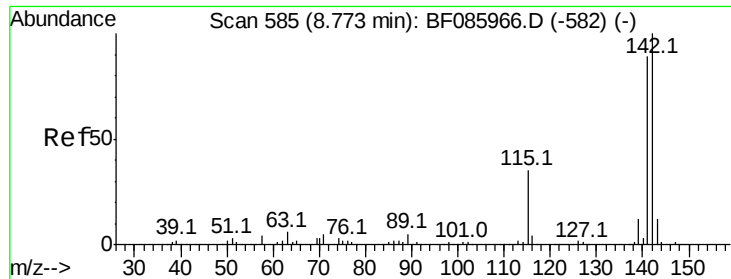
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#36
 4-Chloro-3-methylphenol
 Concen: 38.14 ng/ml
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.3	28.9
142	73.1	61.4	92.0





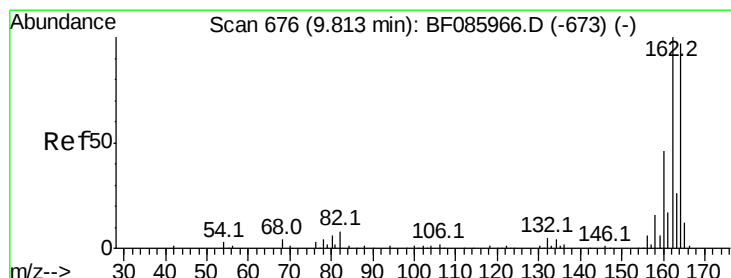
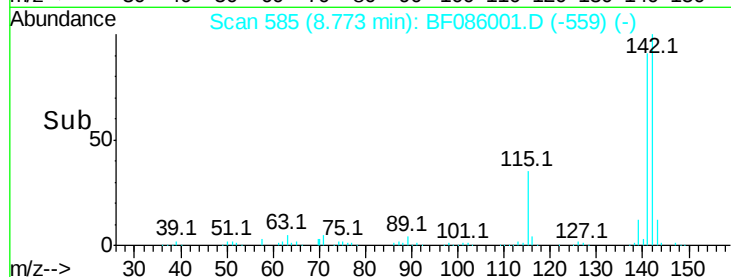
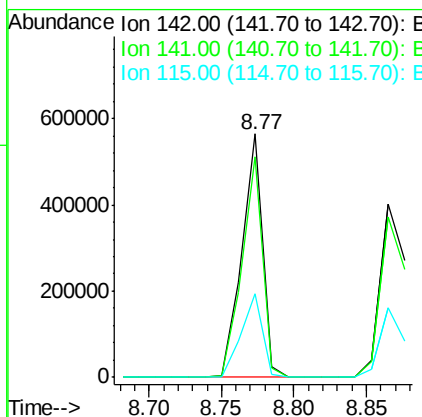
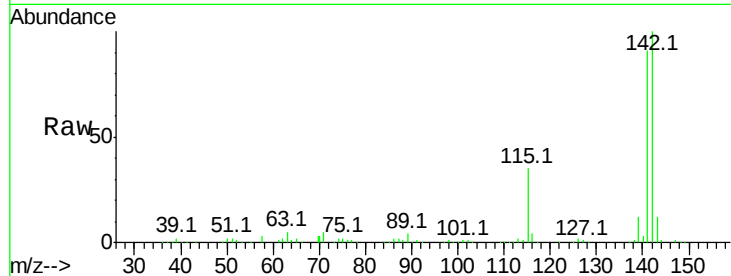
#37
 2-Methylnaphthalene
 Concen: 38.46 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion:	142	Resp:	559575
Ion Ratio	Lower	Upper	
142	100		
141	90.9	71.6	107.4
115	34.6	26.8	40.2

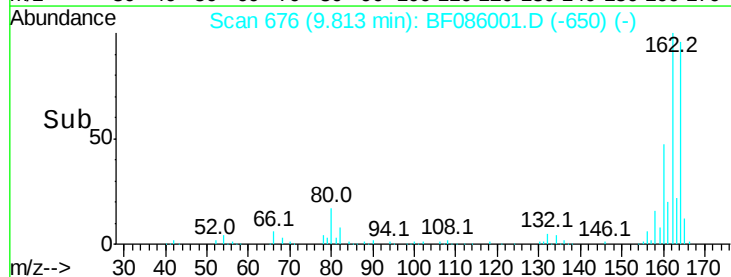
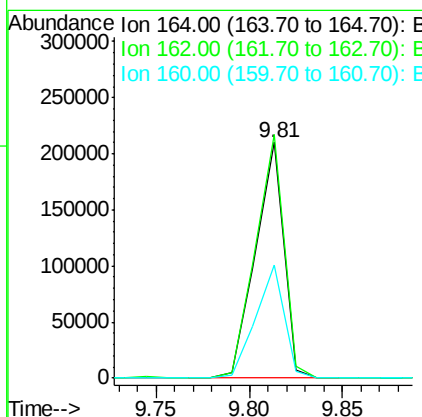
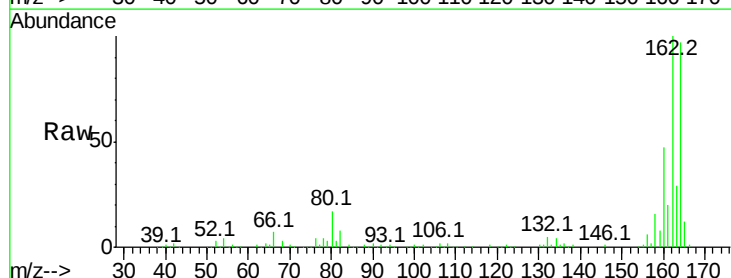
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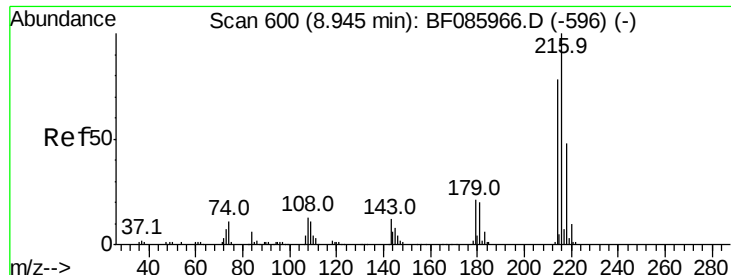
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion:	164	Resp:	220244
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.1	123.1
160	48.1	37.4	56.2





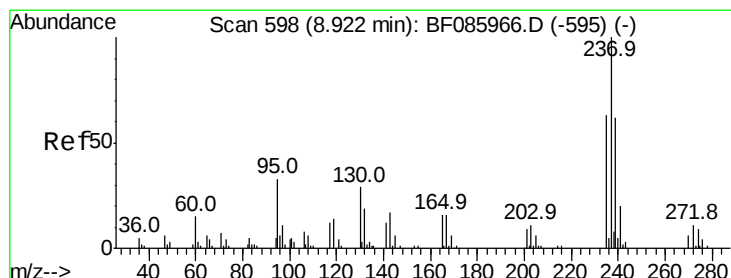
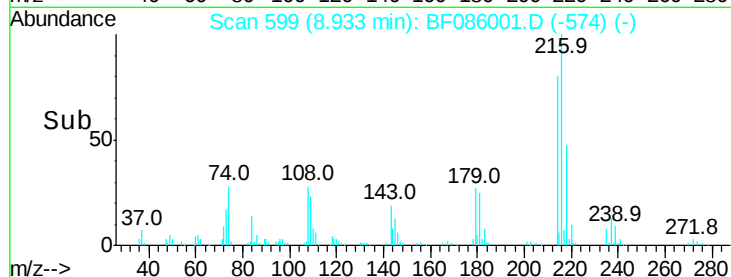
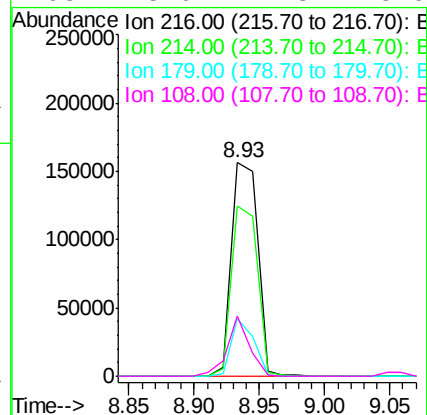
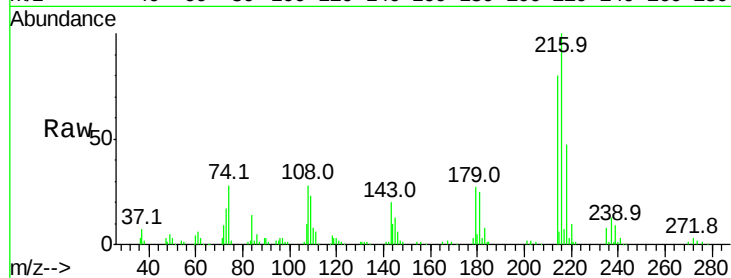
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.93 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	217979		
214	78.9	63.1	94.7	
179	23.1	18.2	27.2	
108	23.9	17.3	25.9	

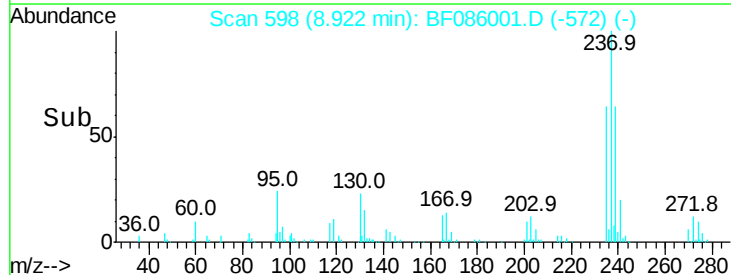
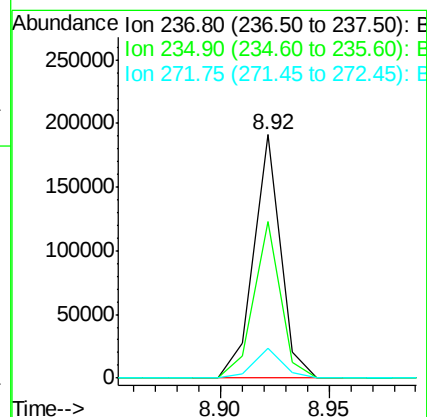
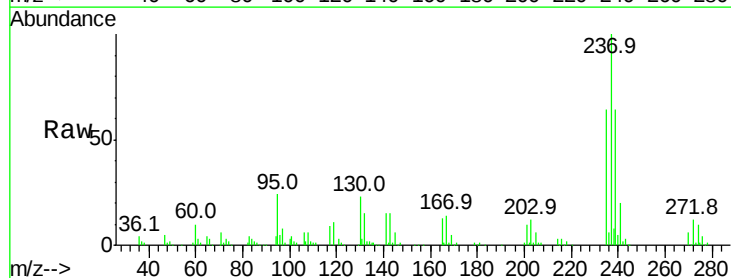
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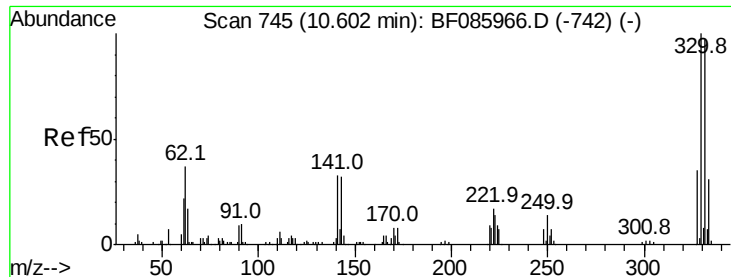
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#40
 Hexachlorocyclopentadiene
 Concen: 71.58 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	164002		
235	64.5	43.7	83.7	
272	12.0	0.0	31.9	





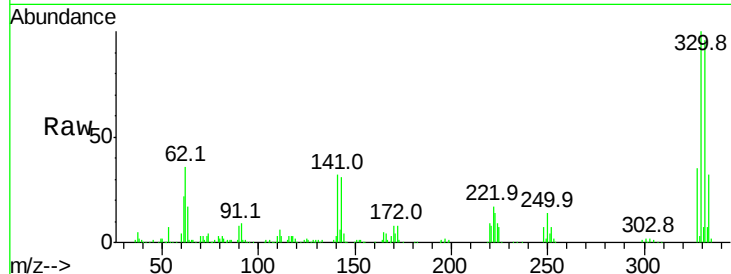
#41
 2,4,6-Tribromophenol
 Concen: 118.90 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

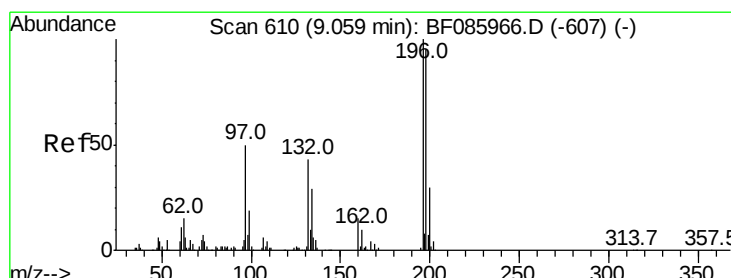
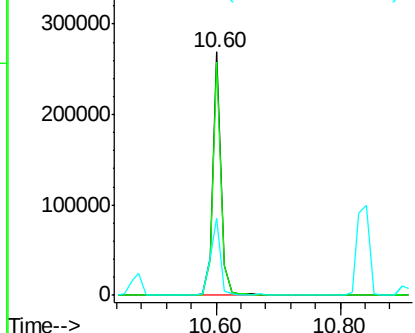
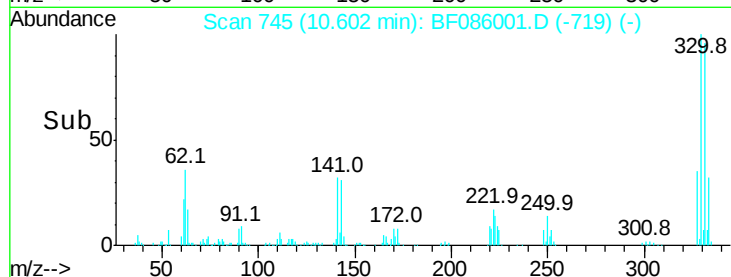
Tot Ion	Ratio	Resp	Lower	Upper
330	100	245798		
332	95.8	78.2	117.2	
141	38.5	31.5	47.3	

Manual Integrations
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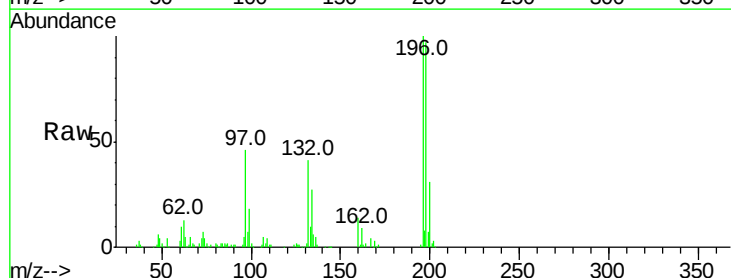


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

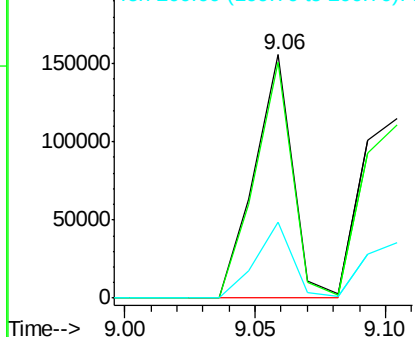
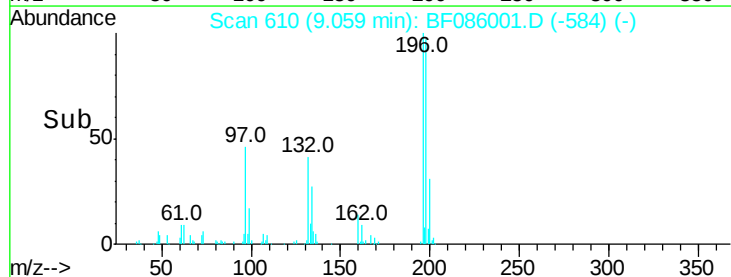


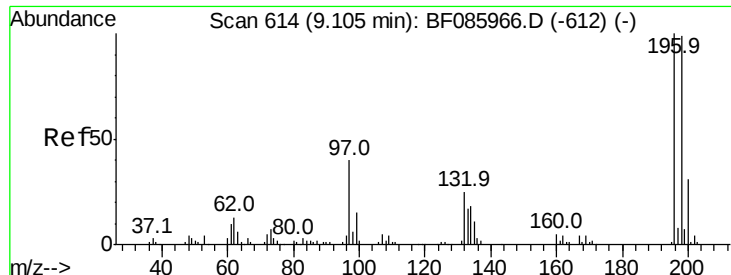
#42
 2,4,6-Trichlorophenol
 Concen: 37.55 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159613		
198	96.8	75.3	112.9	
200	31.4	23.7	35.5	



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





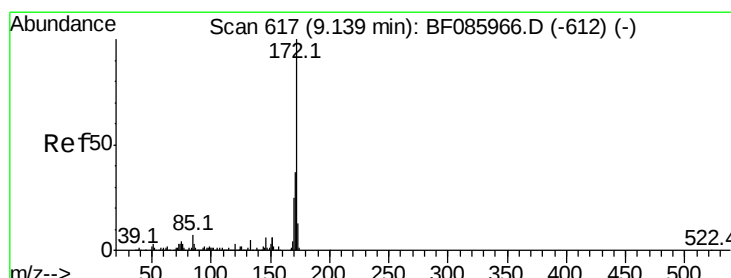
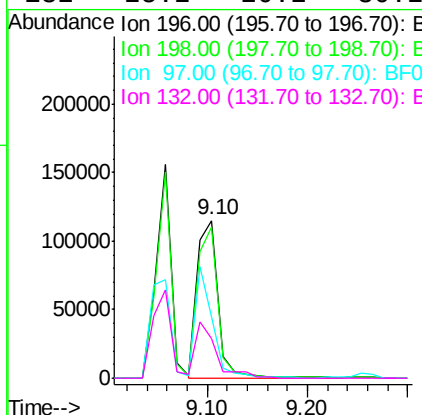
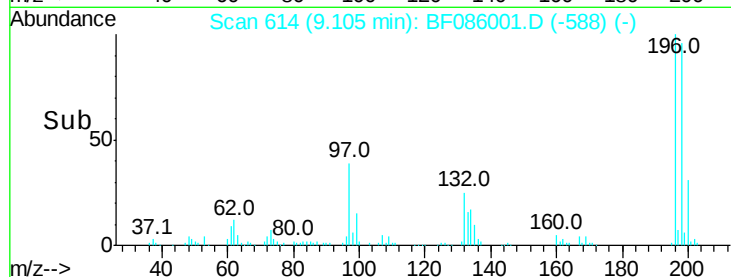
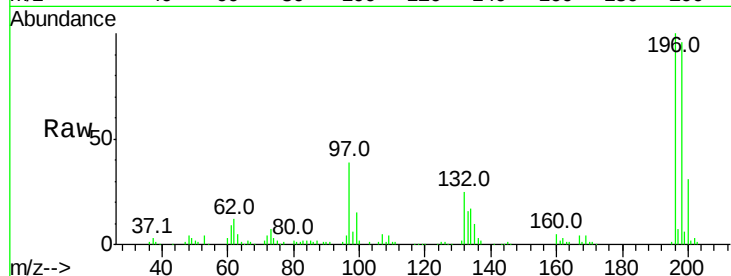
#43
 2,4,5-Trichlorophenol
 Concen: 38.62 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	196	Resp	166682
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.6	114.8
97	39.3	30.5	45.7
132	25.2	20.2	30.2

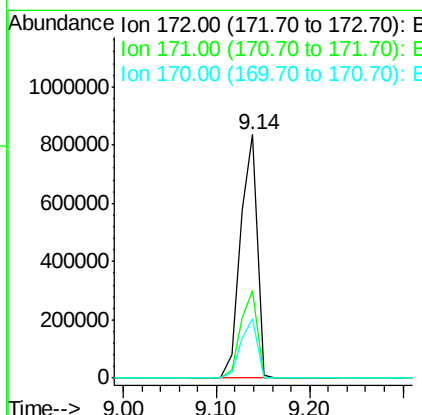
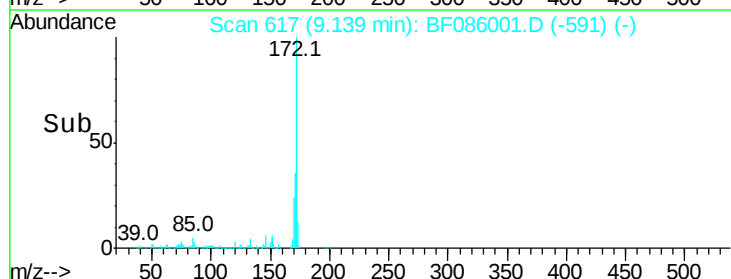
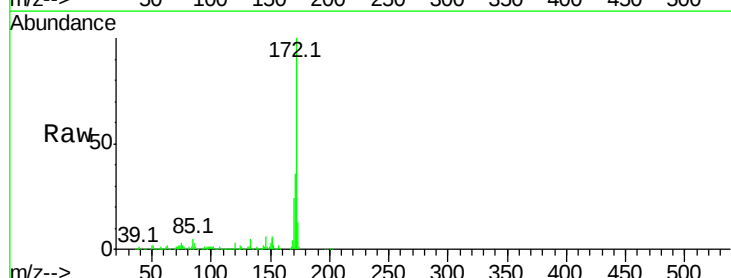
Manual Integrations
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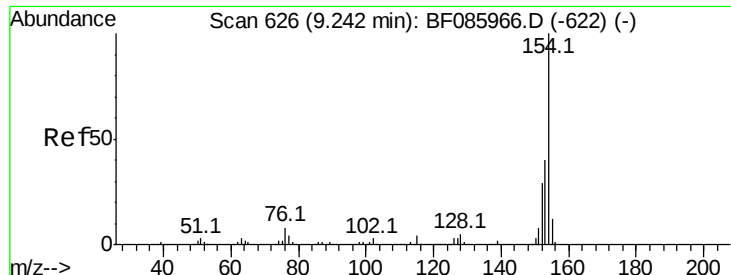
Sohil
 4/4/2016 7:45:07 PM



#44
 2-Fluorobiphenyl
 Concen: 77.93 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	172	Resp	1032252
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.4	44.2
170	24.2	19.8	29.6





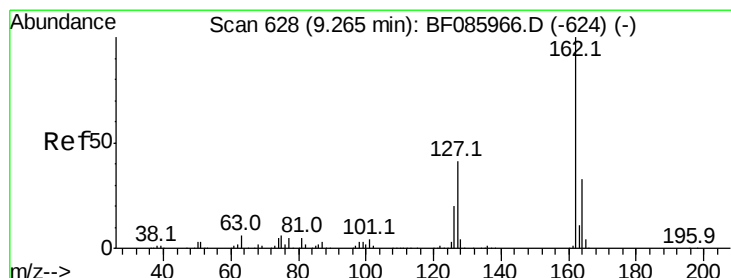
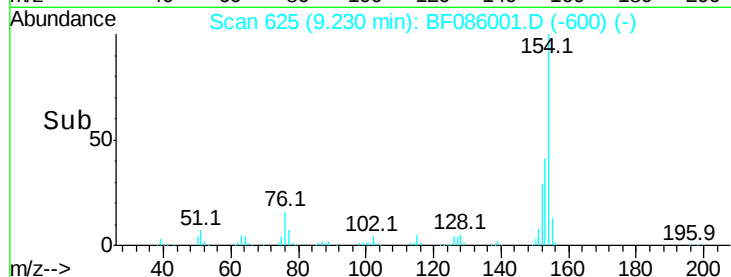
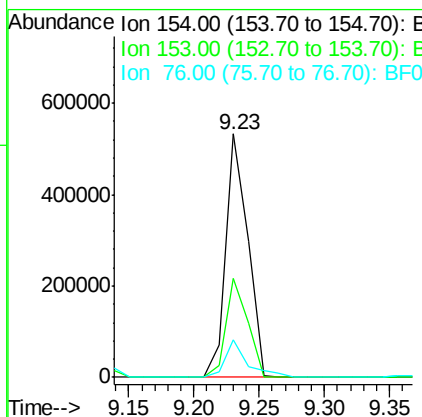
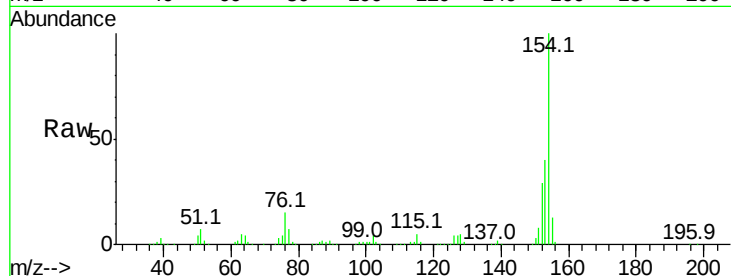
#45
 1,1'-Biphenyl
 Concen: 32.83 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion:	154	Resp:	623501
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.8	60.8
76	15.5	0.0	36.7

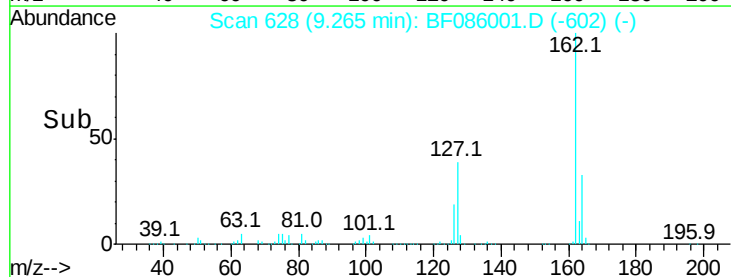
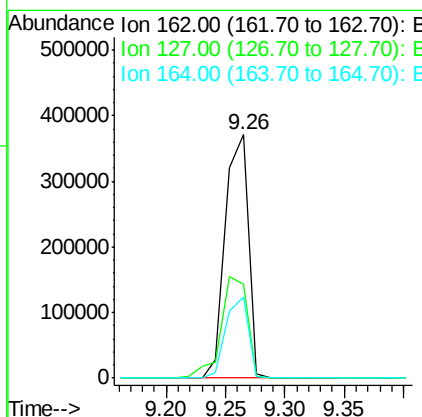
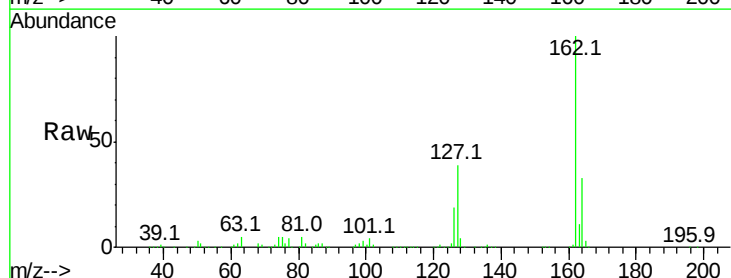
Manual Integrations
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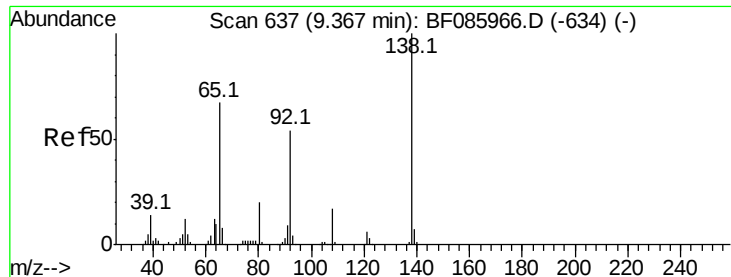
Sohil
 4/4/2016 7:45:07 PM



#46
 2-Chloronaphthalene
 Concen: 36.31 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion:	162	Resp:	499868
Ion Ratio	Lower	Upper	
162	100		
127	38.6	31.7	47.5
164	33.4	27.3	40.9





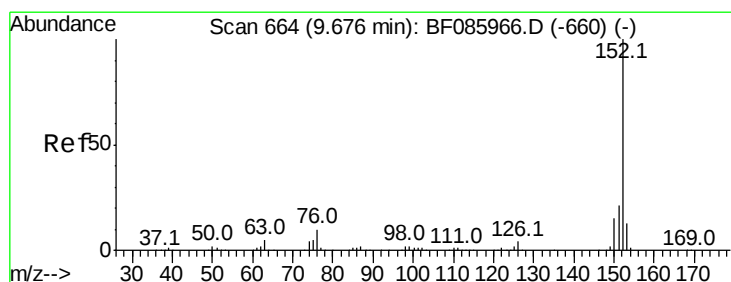
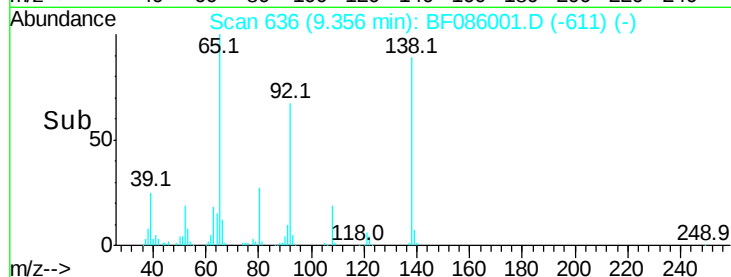
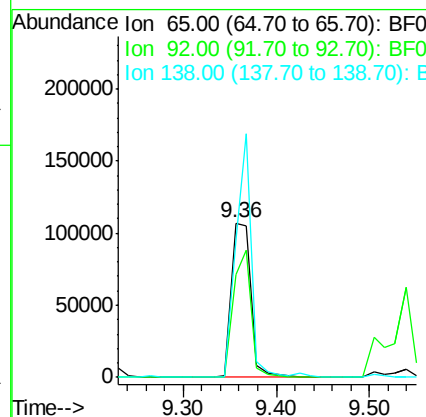
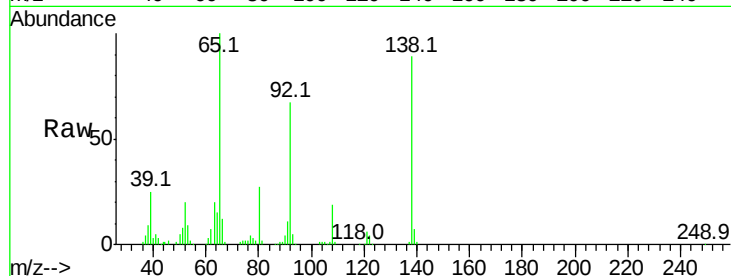
#47
2-Nitroaniline
Concen: 38.93 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	59.7	89.5
138	88.8	91.4	137.0

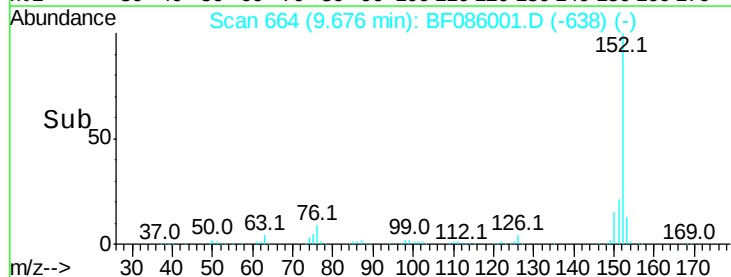
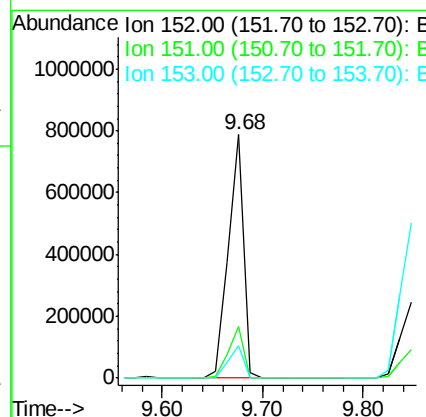
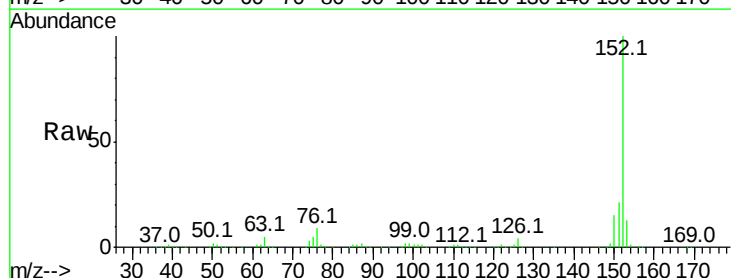
Manual Integrations
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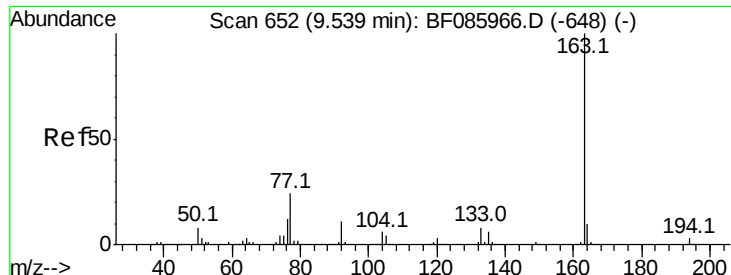
Sohil
4/4/2016 7:45:07 PM



#48
Acenaphthylene
Concen: 37.52 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.2	10.9	16.3





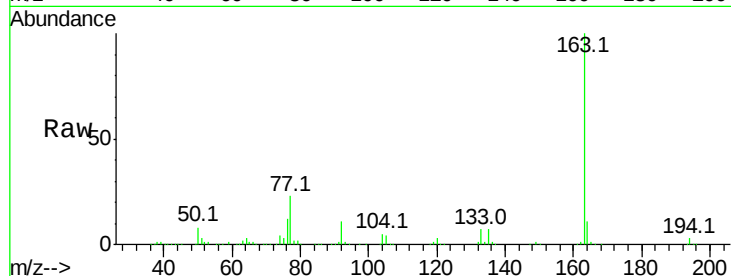
#49
Dimethylphthalate
Concen: 41.92 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

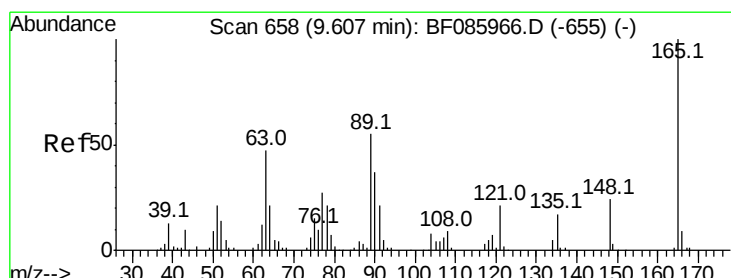
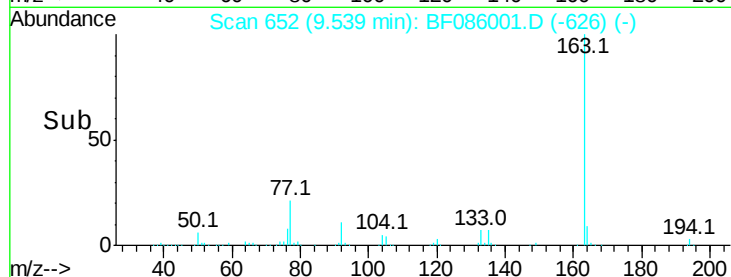
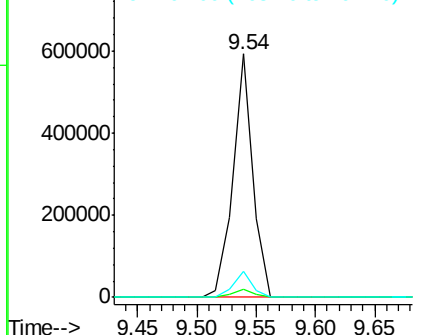
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.9	4.3
164	10.6	8.3	12.5

Manual Integrations
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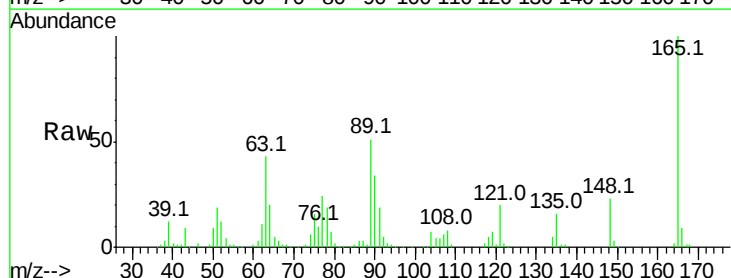


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

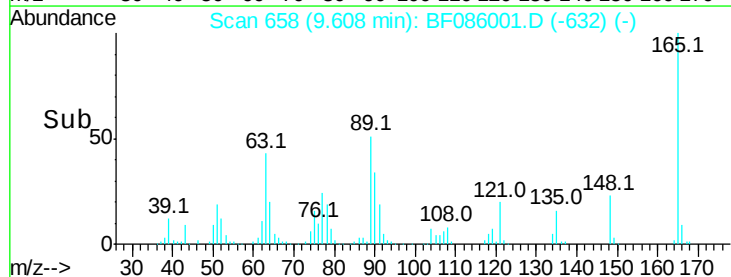
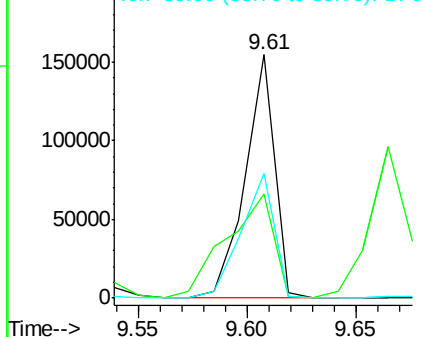


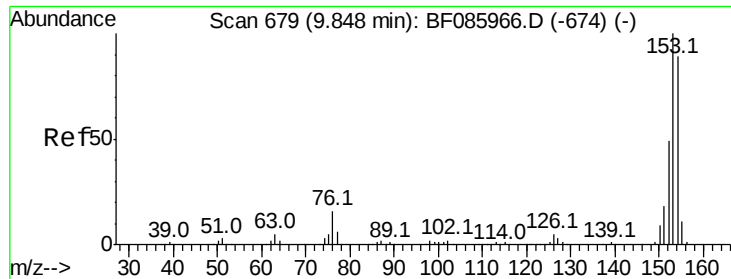
#50
2,6-Dinitrotoluene
Concen: 42.13 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.8	51.8	77.8#
89	51.0	53.7	80.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.36 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

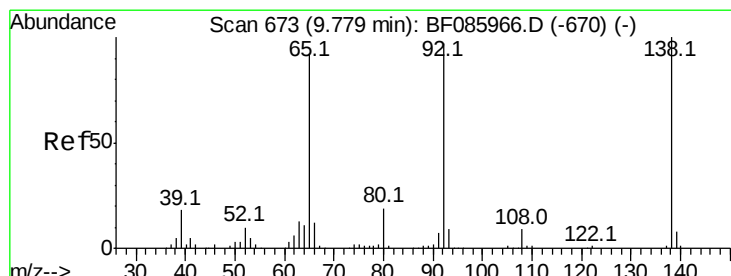
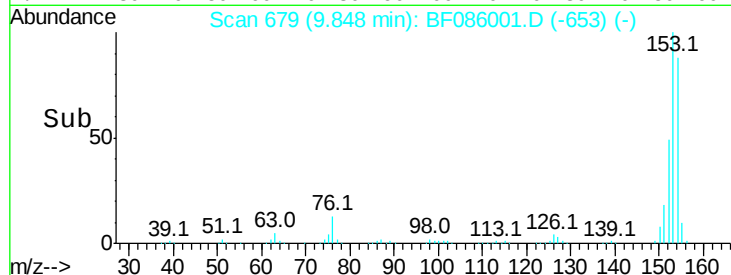
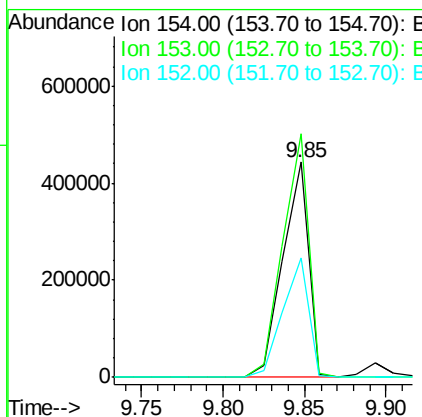
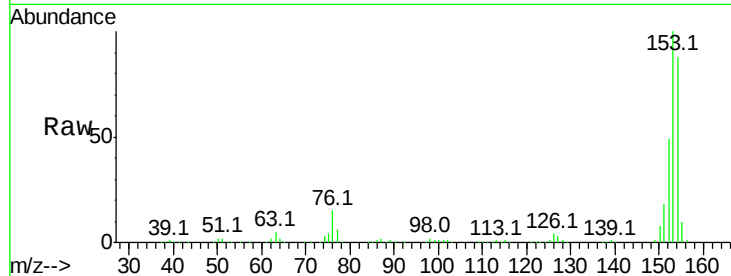
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	154	Resp:	490004
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.1	135.1
152	55.3	44.2	66.2

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#52

3-Nitroaniline

Concen: 27.02 ng

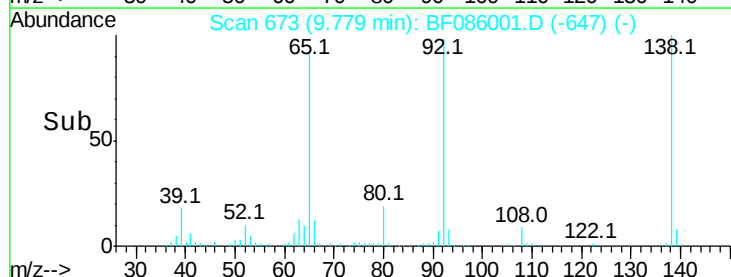
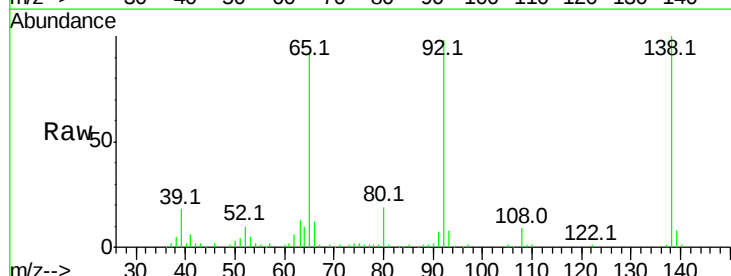
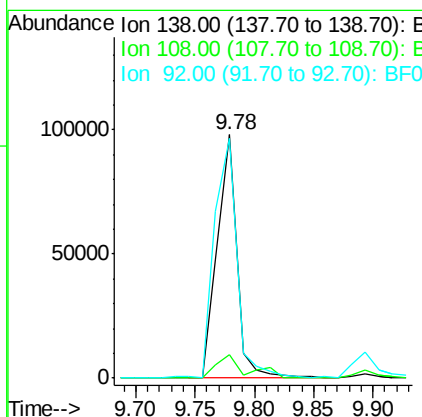
RT: 9.78 min Scan# 673

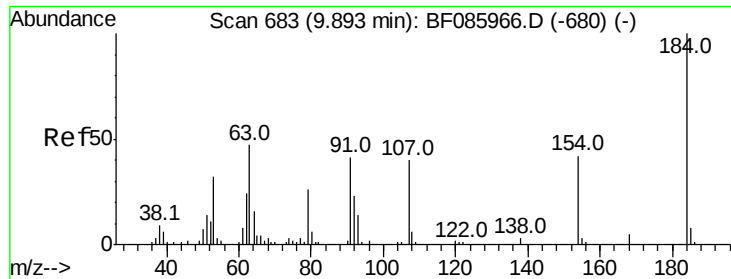
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	138	Resp:	112458
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.7	13.1
92	98.3	93.3	139.9





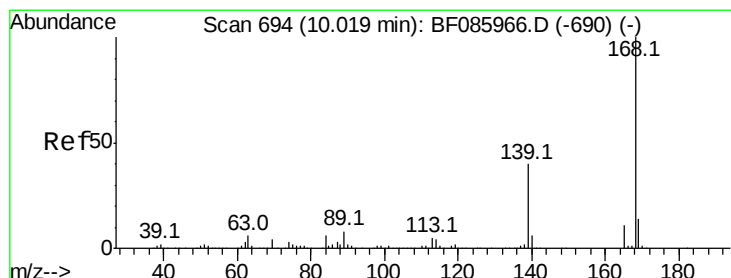
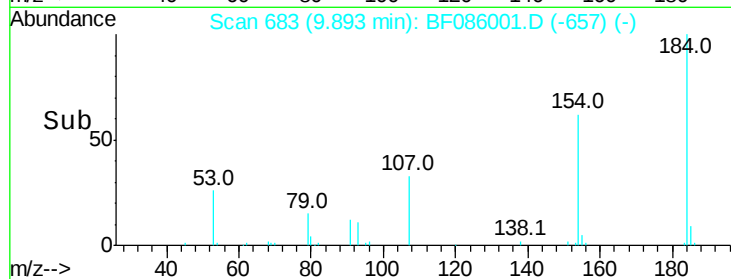
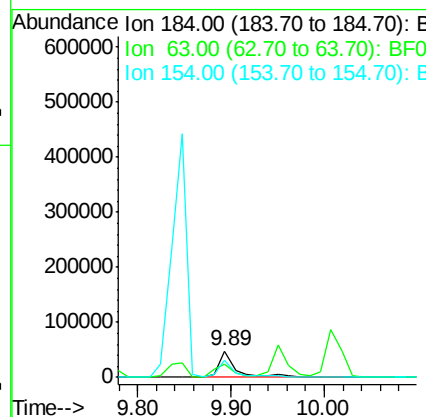
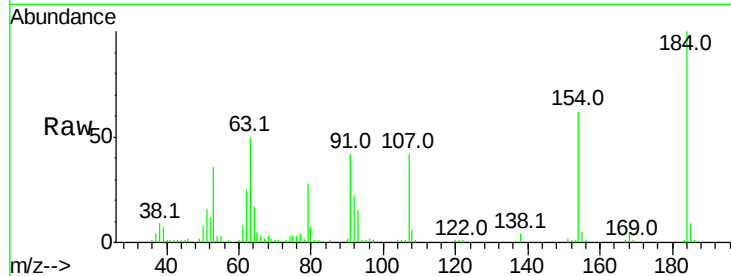
#53
 2,4-Dinitrophenol
 Concen: 37.39 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.0	69.5	104.3#
154	62.1	58.3	87.5

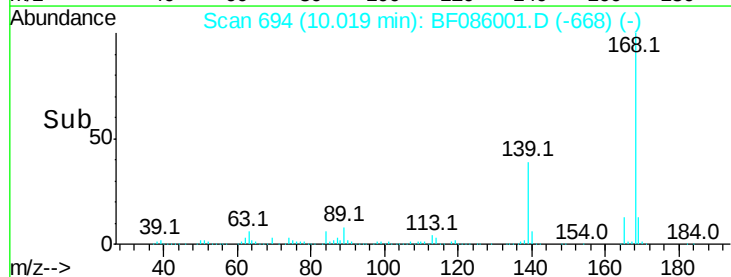
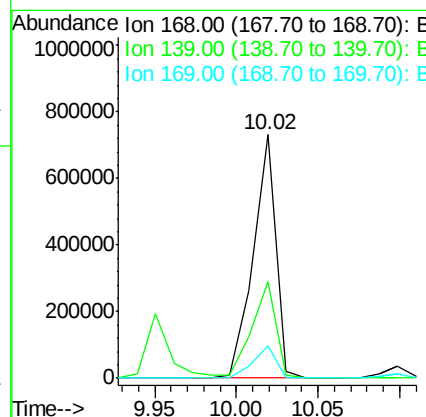
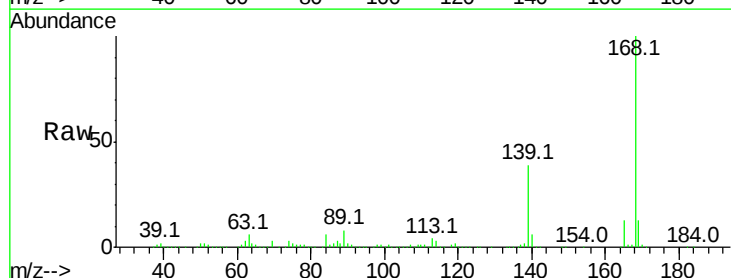
Manual Integrations
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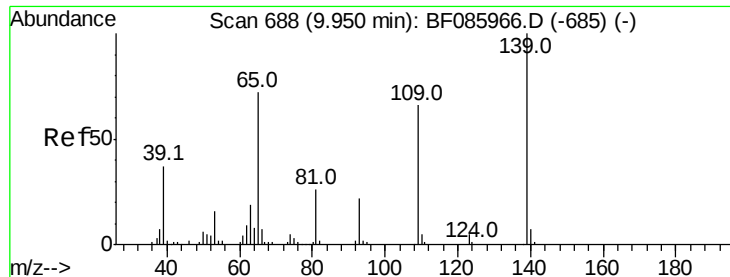
Sohil
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#54
 Dibenzofuran
 Concen: 40.67 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.9	47.9
169	13.5	11.0	16.6





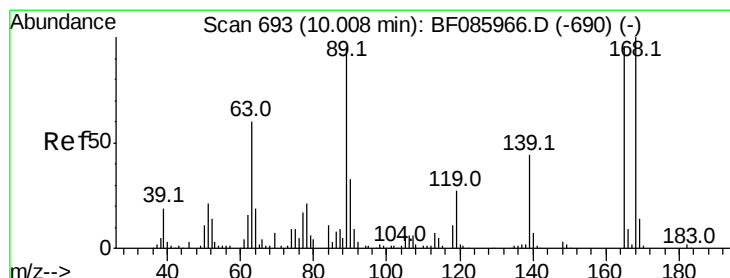
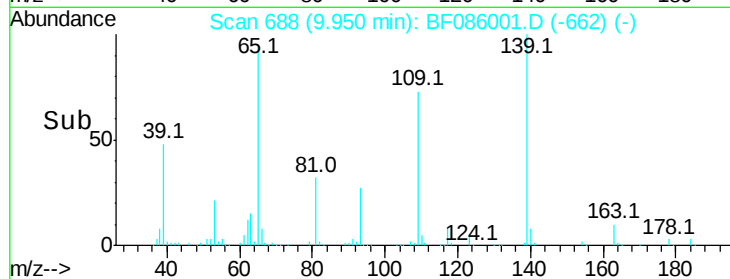
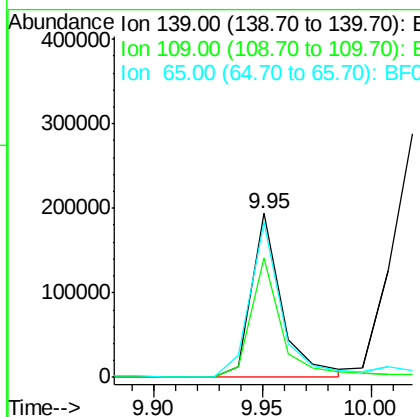
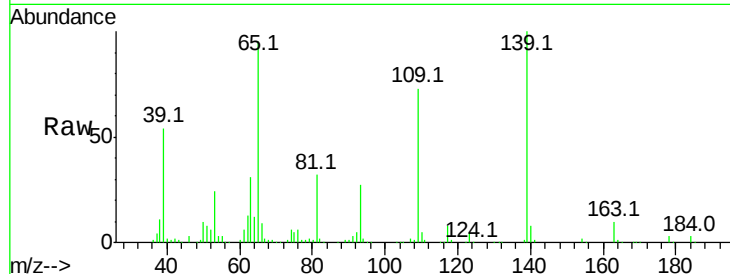
#55
4-Nitrophenol
Concen: 76.68 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	188177		
109	73.0	49.2	89.2	
65	95.0	66.9	106.9	

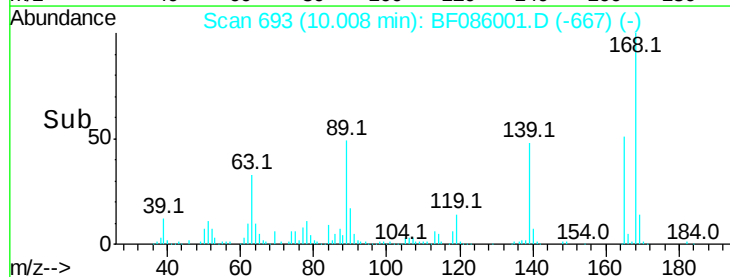
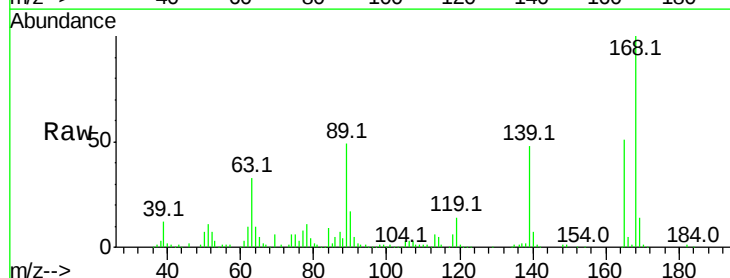
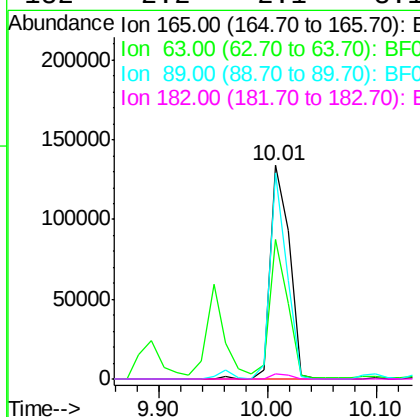
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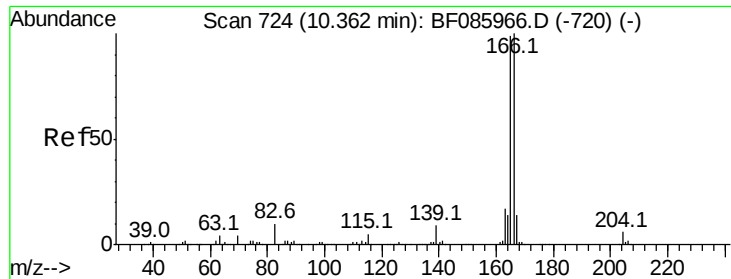
Sohil
4/4/2016 7:45:07 PM



#56
2,4-Dinitrotoluene
Concen: 37.36 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	163041		
63	65.4	24.9	37.3#	
89	96.6	41.0	61.6#	
182	2.2	2.1	3.1	





#57

Fluorene

Concen: 38.29 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

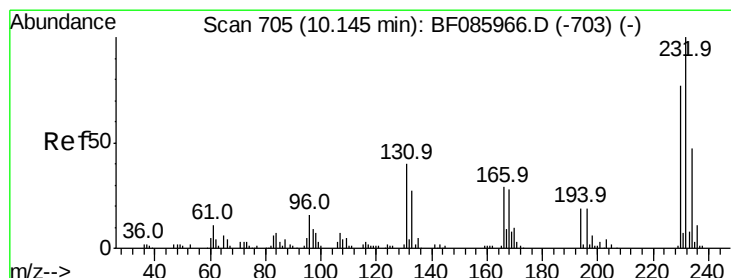
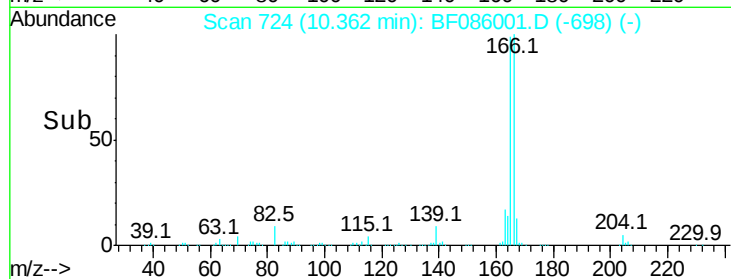
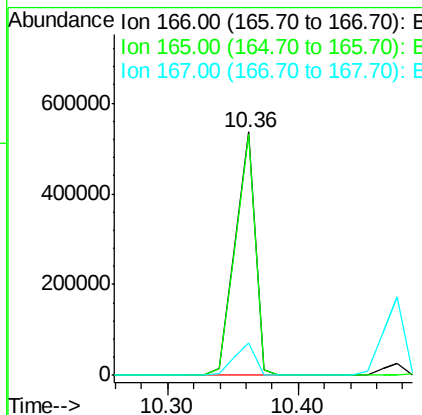
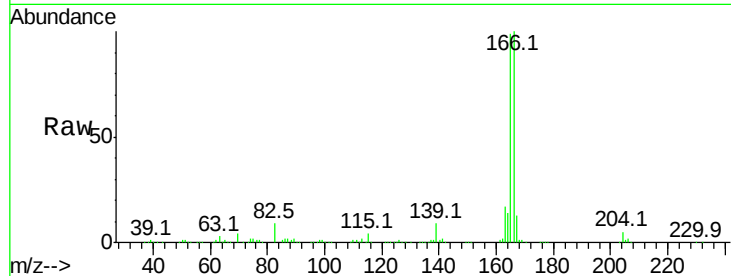
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	166	Resp:	566471
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.4	119.0
167	13.2	11.0	16.4

Manual Integrations
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4/4/2016 7:45:07 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.33 ng

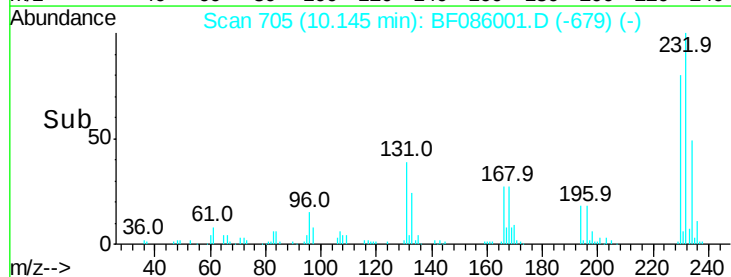
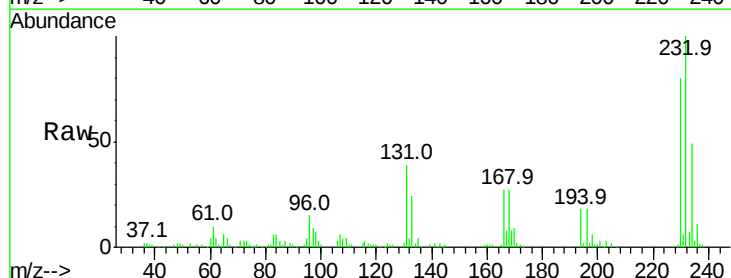
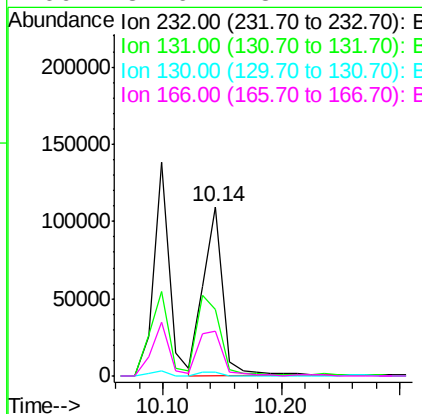
RT: 10.14 min Scan# 705

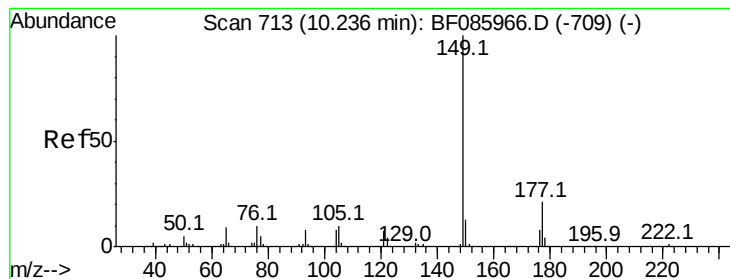
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	232	Resp:	126385
Ion Ratio	Lower	Upper	
232	100		
131	56.1	44.9	67.3
130	2.6	2.3	3.5
166	32.6	28.1	42.1





#59

Diethylphthalate

Concen: 35.59 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

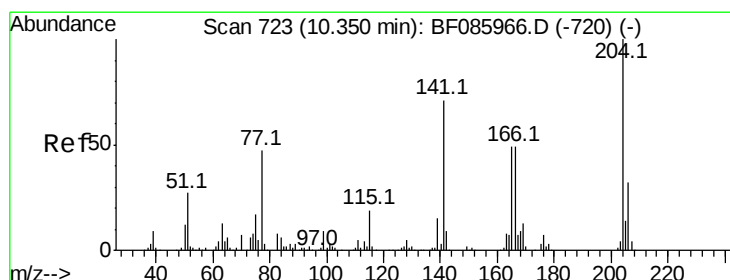
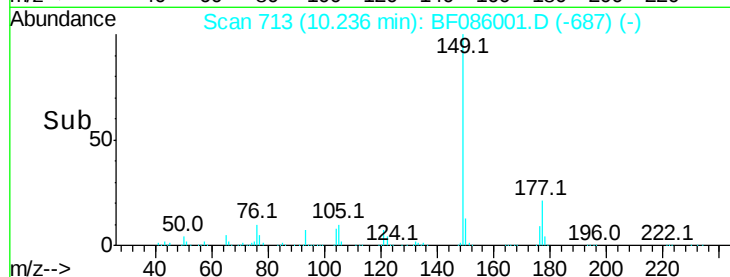
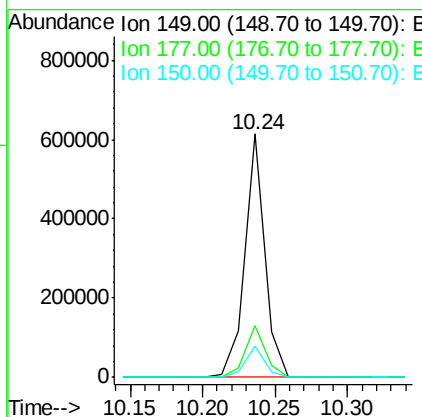
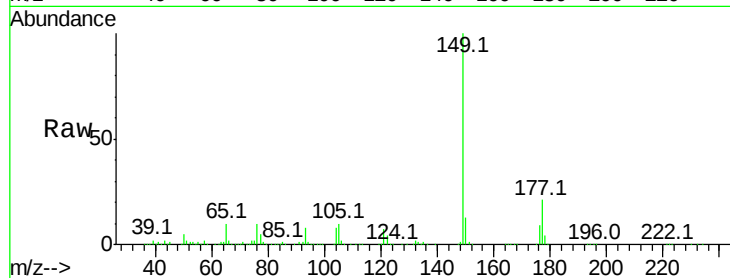
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	149	Resp:	586440
Ion Ratio	Lower	Upper	
149	100		
177	21.1	17.9	26.9
150	12.8	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.97 ng

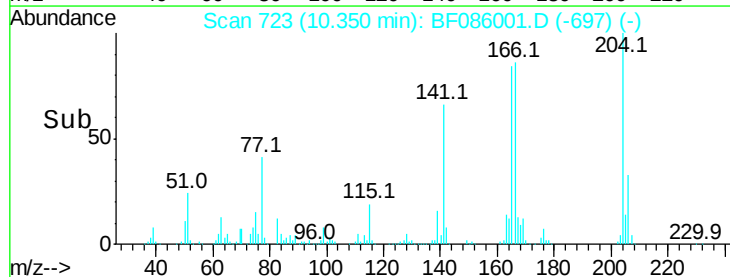
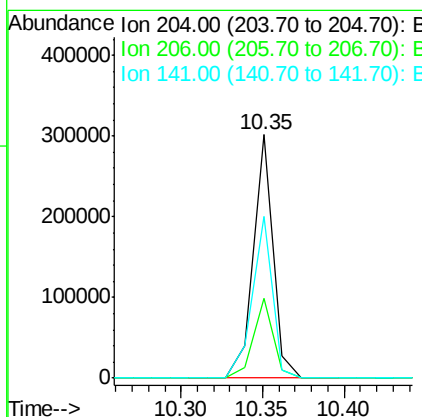
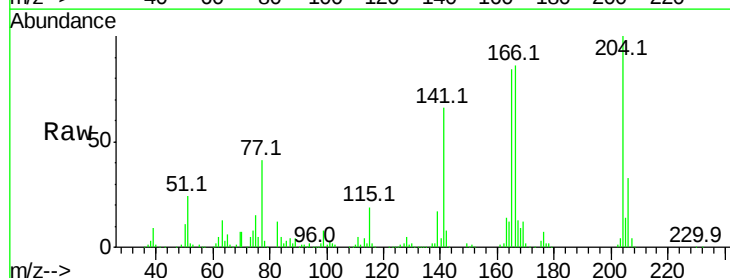
RT: 10.35 min Scan# 723

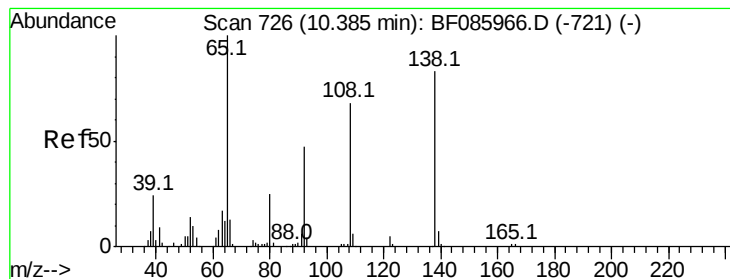
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	204	Resp:	254822
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.6	39.8
141	66.3	57.4	86.0





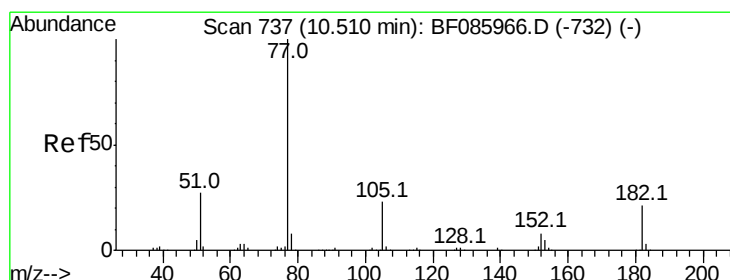
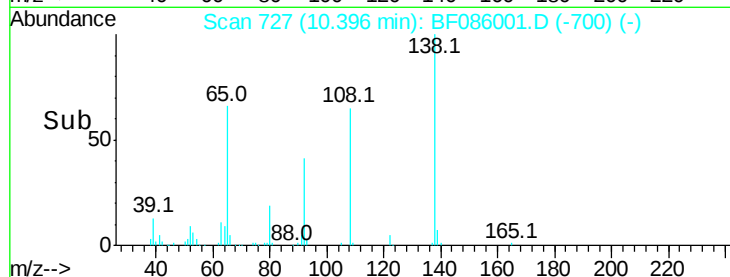
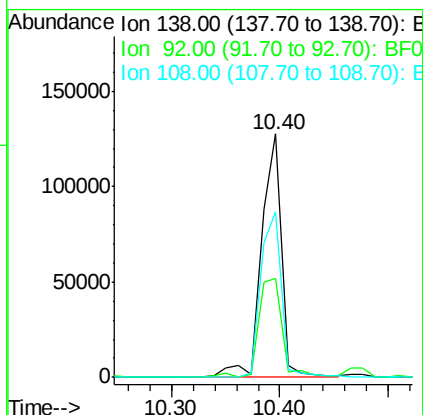
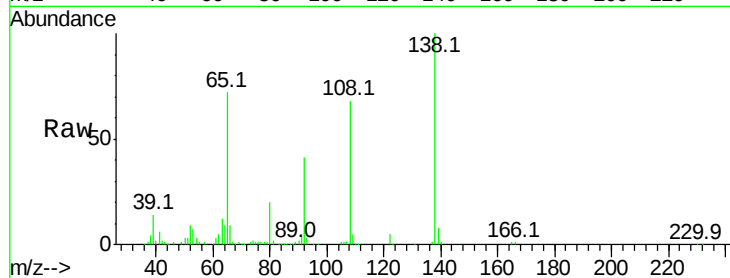
#61
4-Nitroaniline
Concen: 40.29 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.8	26.4	66.4
108	67.8	49.0	89.0

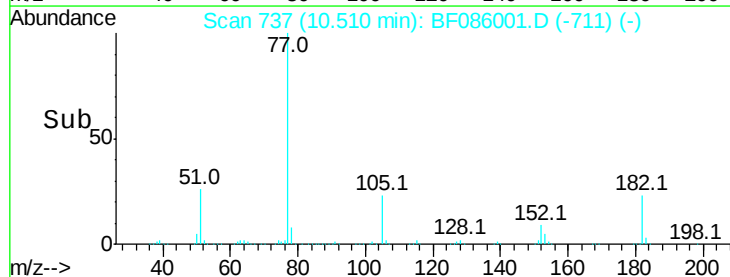
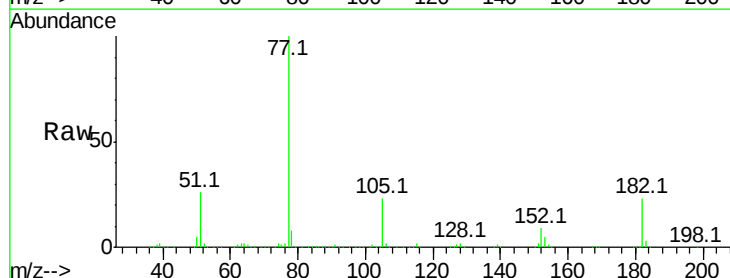
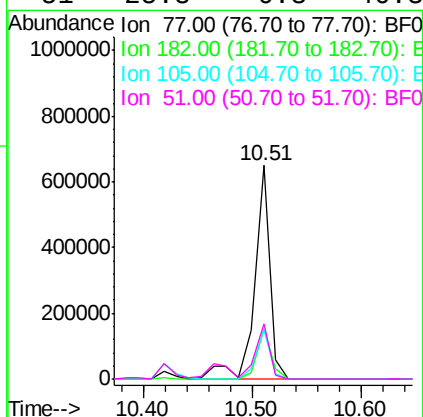
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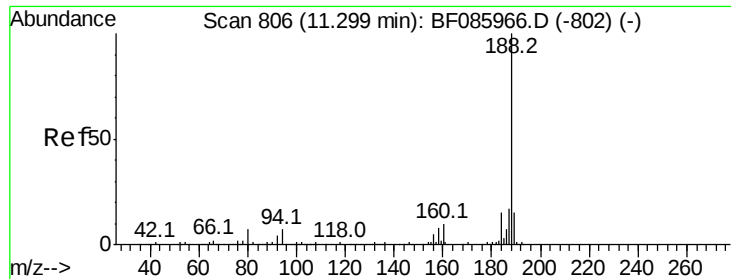
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#62
Azobenzene
Concen: 41.22 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.9	41.9
105	23.5	3.5	43.5
51	25.8	6.3	46.3





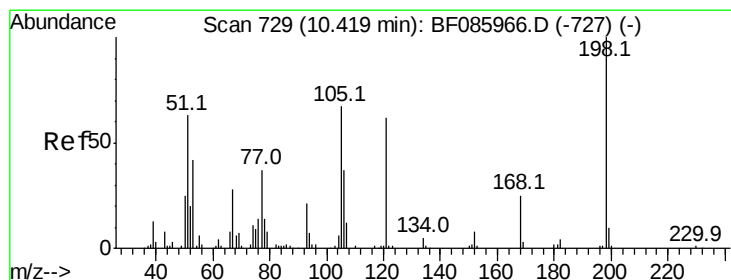
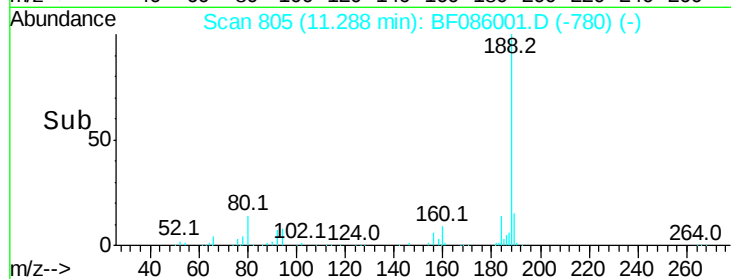
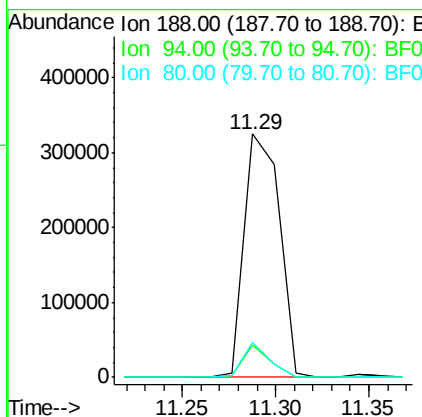
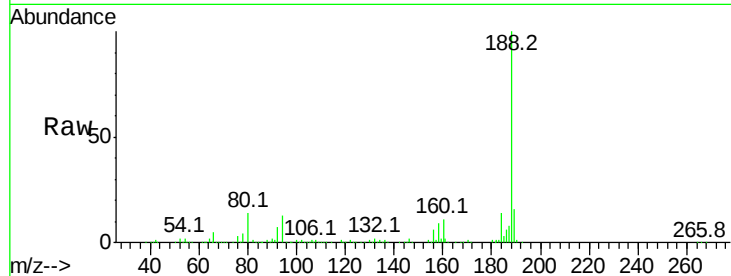
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	427011		
94	13.3	5.4	8.0#	
80	14.3	5.5	8.3#	

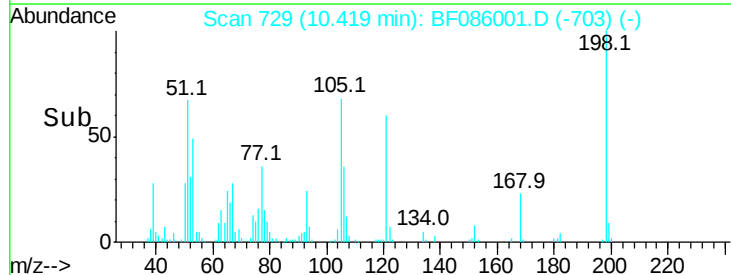
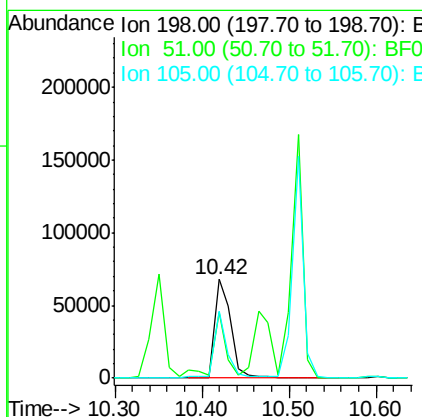
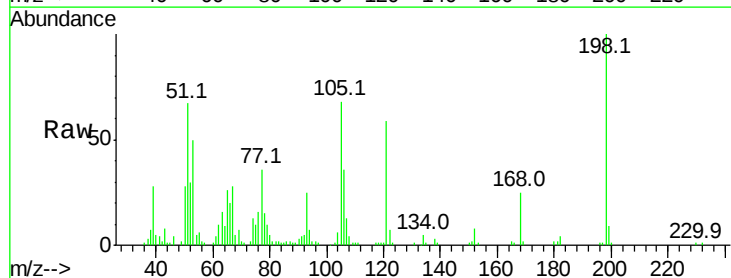
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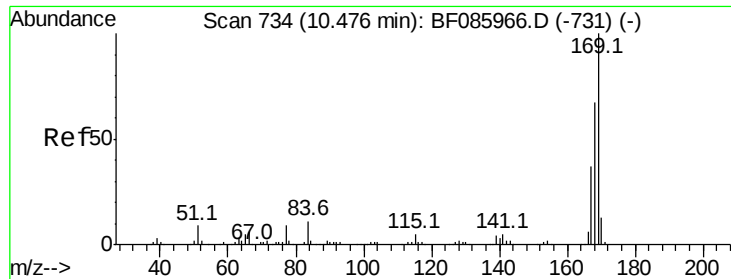
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.62 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	89585		
51	66.6	45.4	85.4	
105	67.8	45.9	85.9	





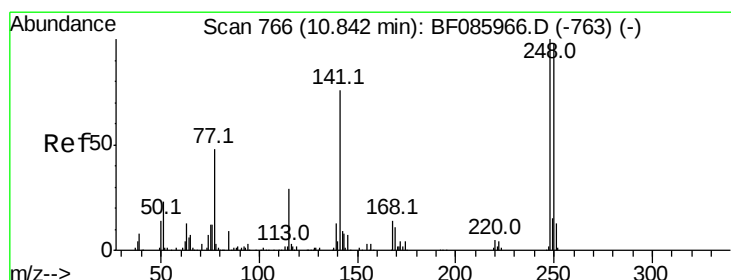
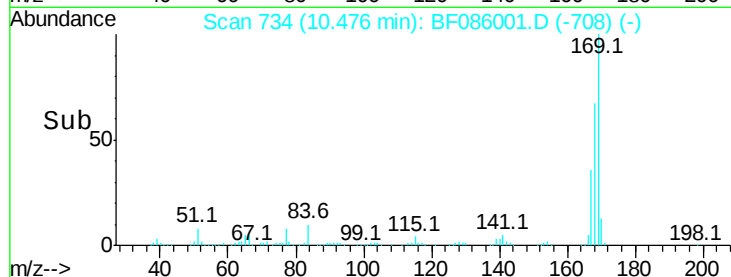
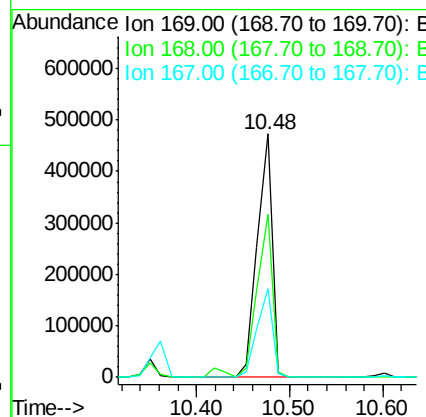
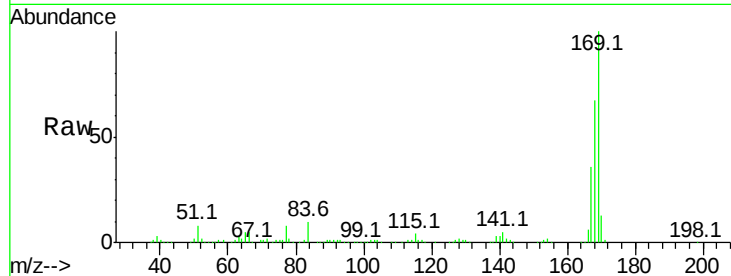
#65
n-Nitrosodiphenylamine
Concen: 39.24 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.7	54.4	81.6	
167	36.3	29.4	44.0	

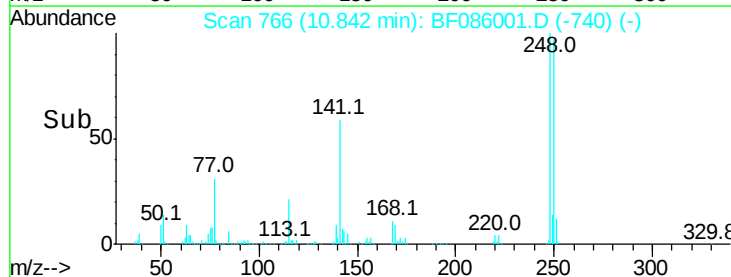
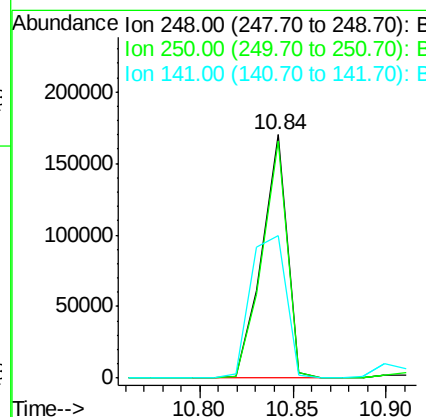
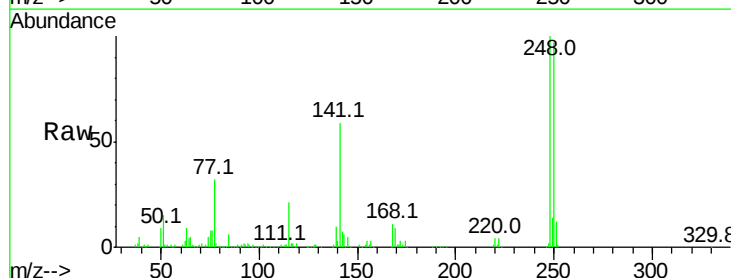
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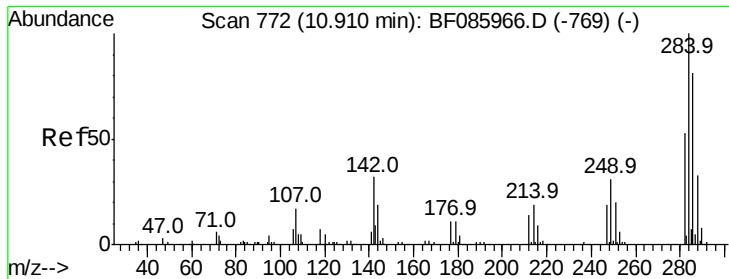
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#66
4-Bromophenyl-phenylether
Concen: 37.26 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.3	77.4	116.0	
141	58.7	63.6	95.4	





#67

Hexachlorobenzene

Concen: 37.54 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

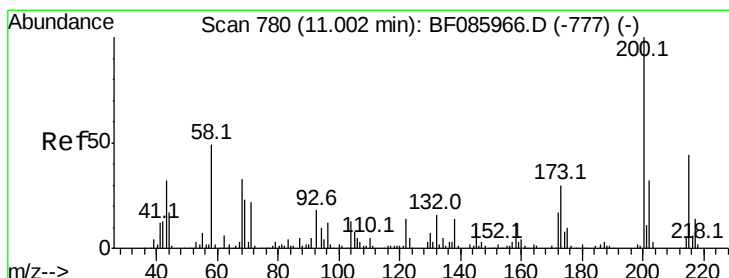
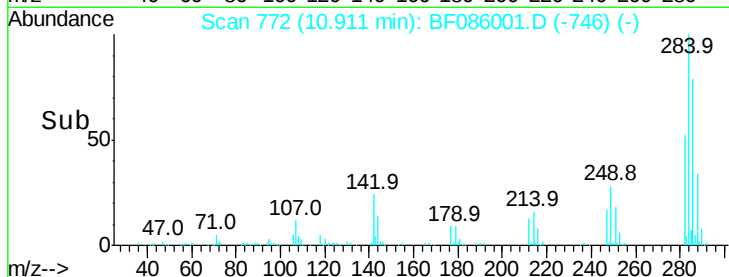
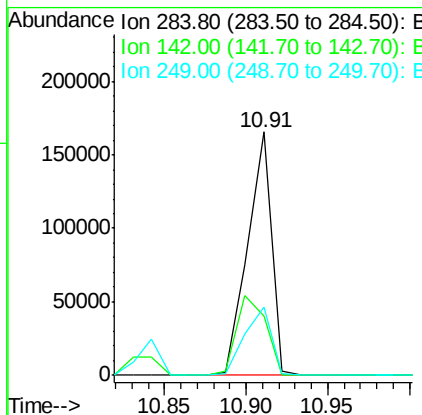
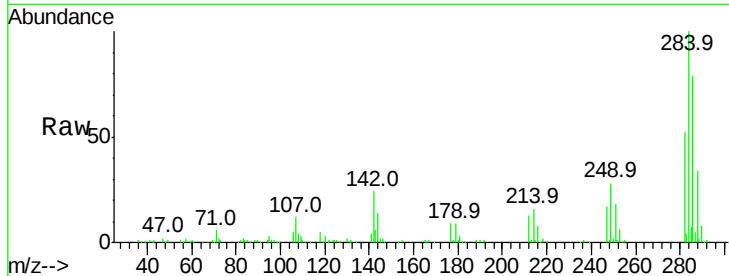
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	284	Resp:	169252
Ion Ratio		Lower	Upper
284	100		
142	24.3	23.1	34.7
249	28.2	24.2	36.2

Manual Integrations
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#68

Atrazine

Concen: 36.29 ng

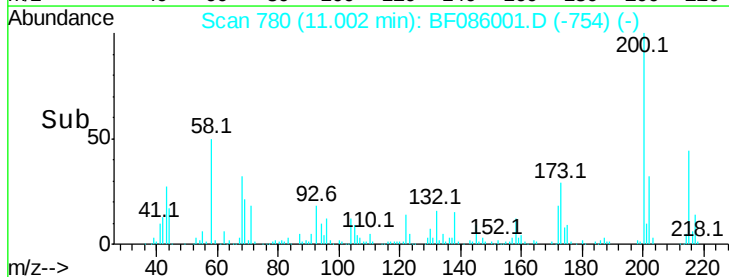
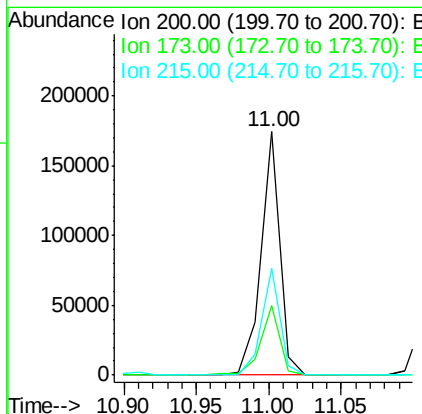
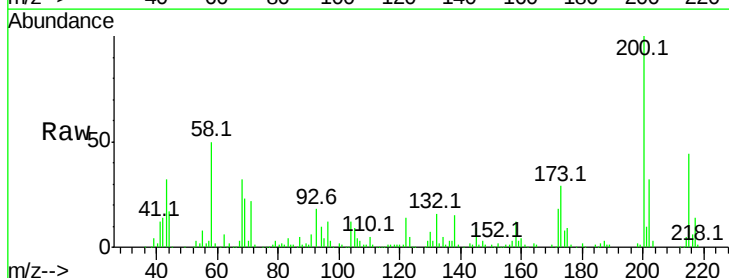
RT: 11.00 min Scan# 780

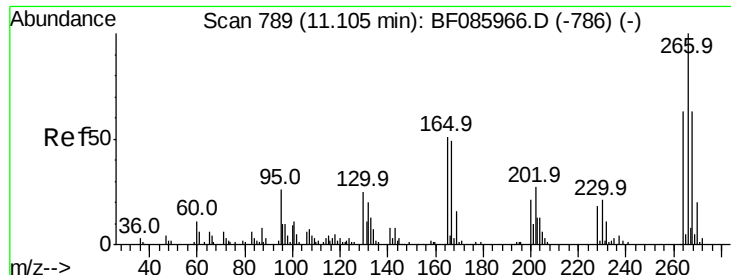
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	200	Resp:	156592
Ion Ratio		Lower	Upper
200	100		
173	28.8	7.7	47.7
215	44.0	25.4	65.4





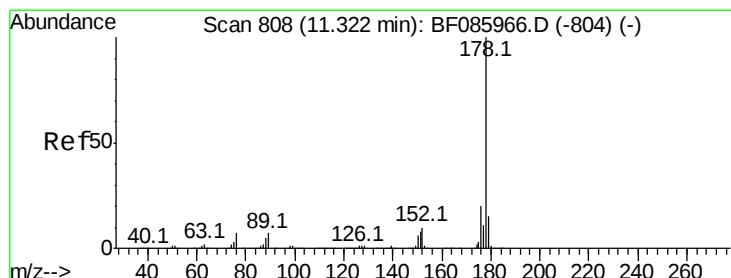
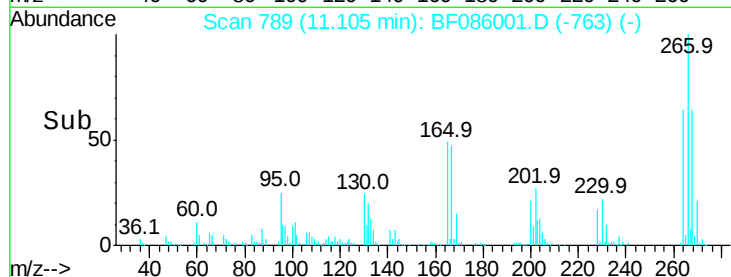
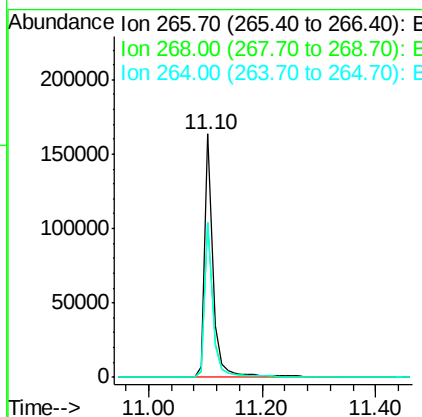
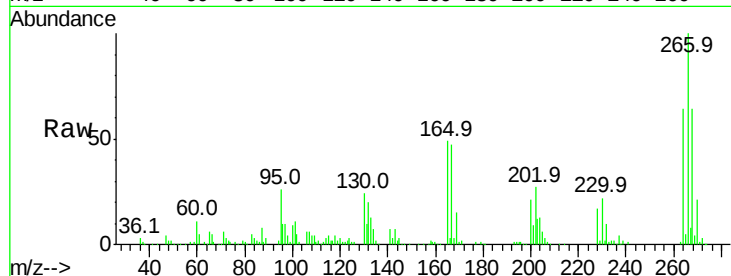
#69
 Pentachlorophenol
 Concen: 77.29 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	163305		
268	63.6	51.5	77.3	
264	64.0	50.6	76.0	

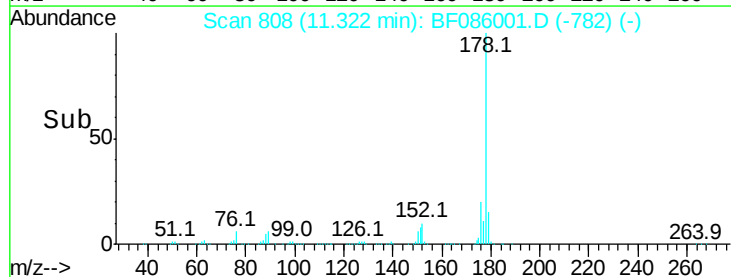
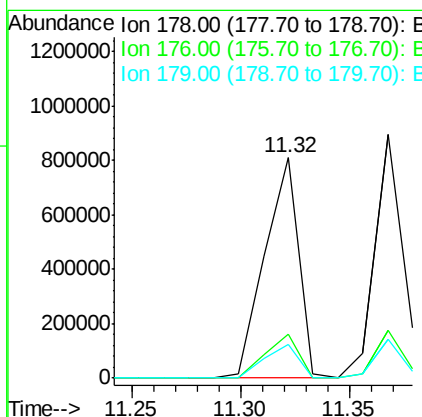
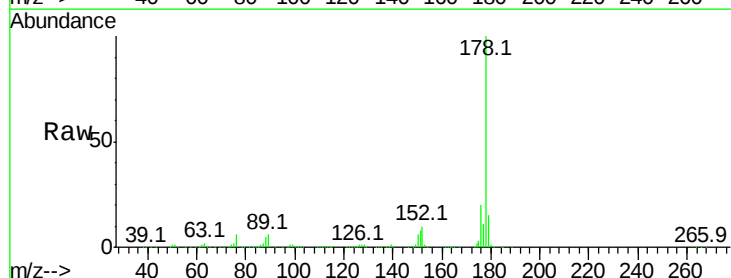
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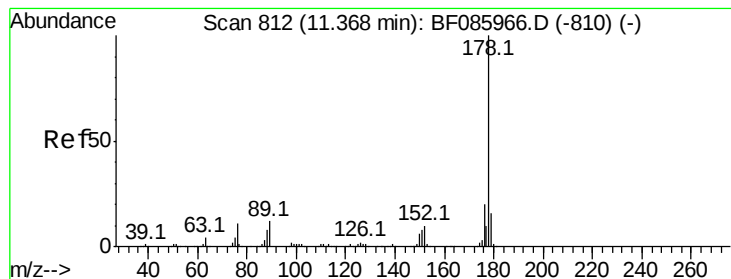
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#70
 Phenanthrene
 Concen: 37.99 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	885054		
176	20.0	16.3	24.5	
179	15.2	12.6	18.8	





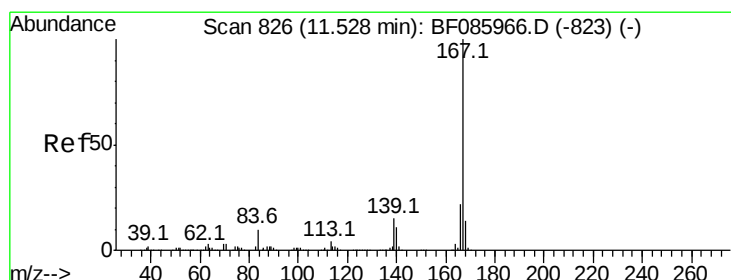
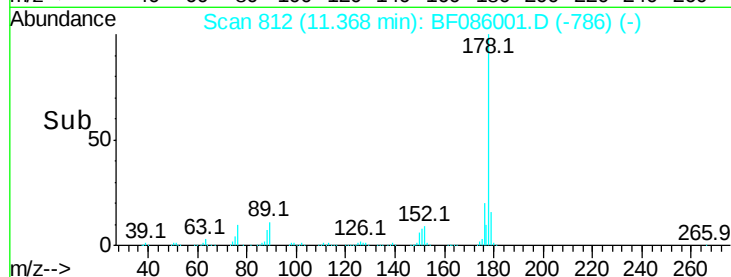
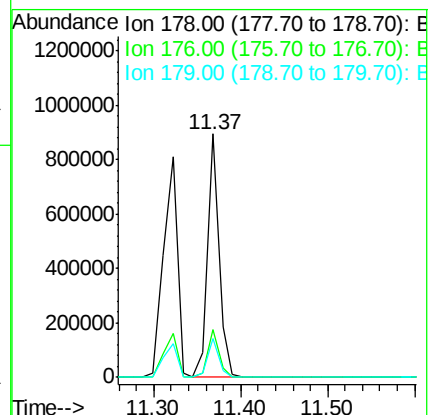
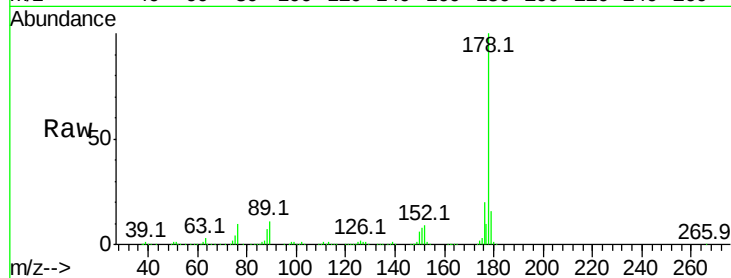
#71
 Anthracene
 Concen: 33.52 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.1	13.0	19.4

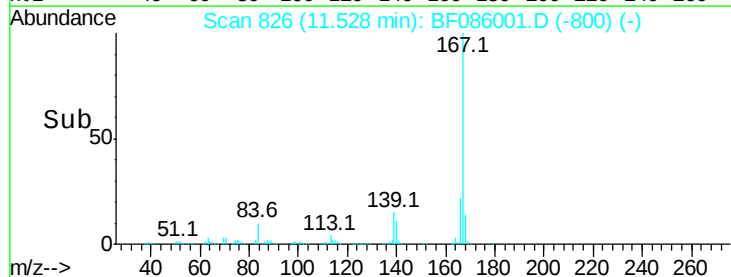
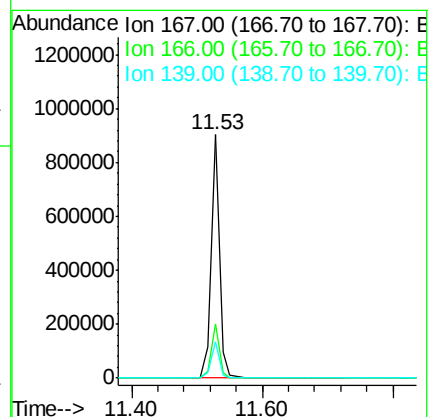
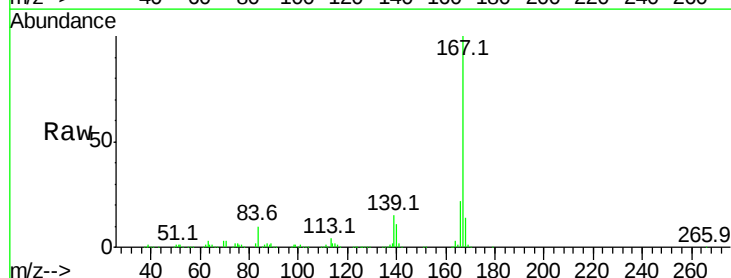
Manual Integrations
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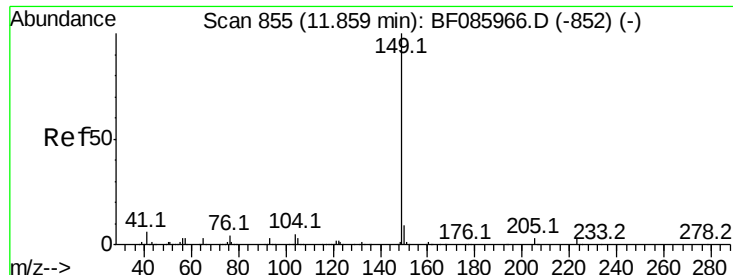
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#72
 Carbazole
 Concen: 37.56 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	14.7	11.6	17.4





#73

Di-n-butylphthalate

Concen: 38.94 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MSD

Tot Ion:149 Resp: 1012146

Ion Ratio Lower Upper

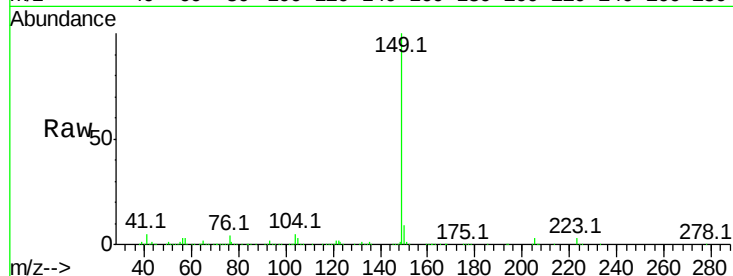
149 100

150 9.3 7.6 11.4

104 4.5 3.8 5.8

Manual Integrations
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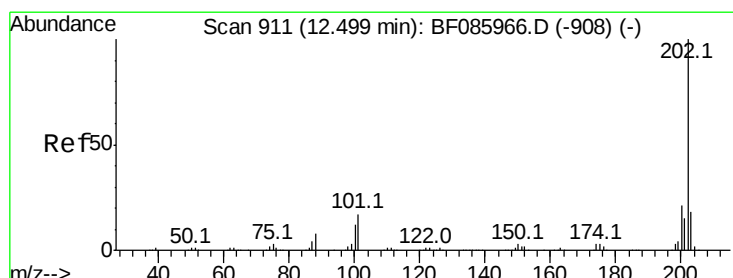
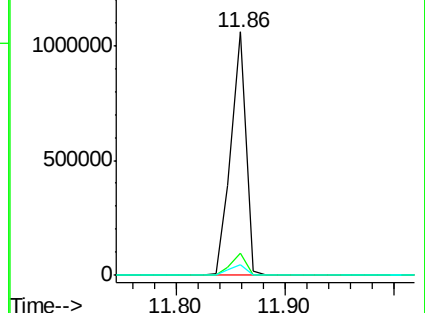
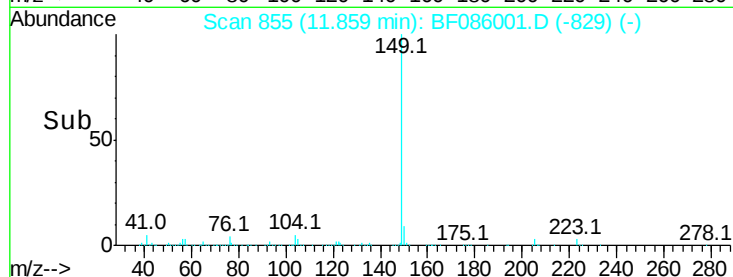
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.28 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

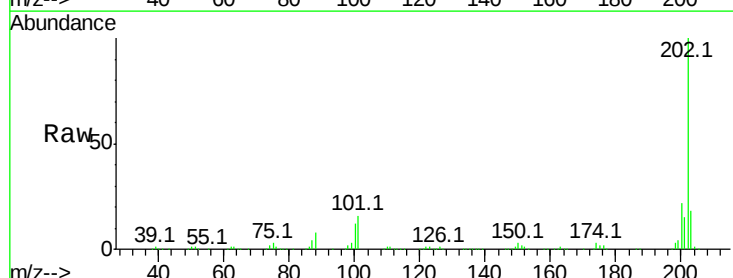
Tgt Ion:202 Resp: 830537

Ion Ratio Lower Upper

202 100

101 15.6 0.0 36.6

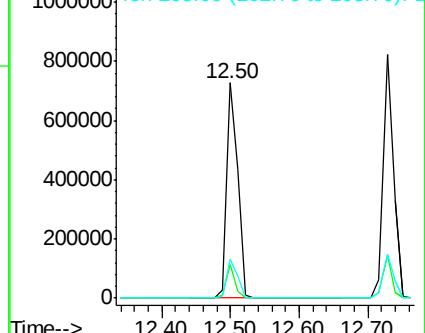
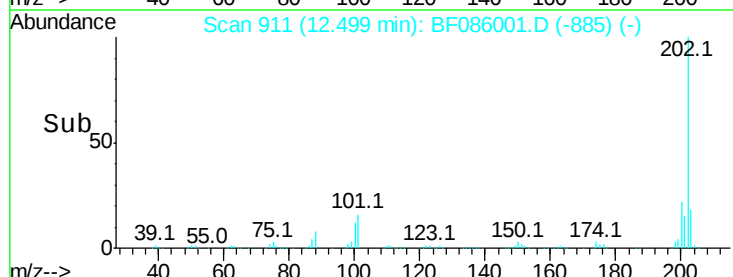
203 17.9 0.0 38.1

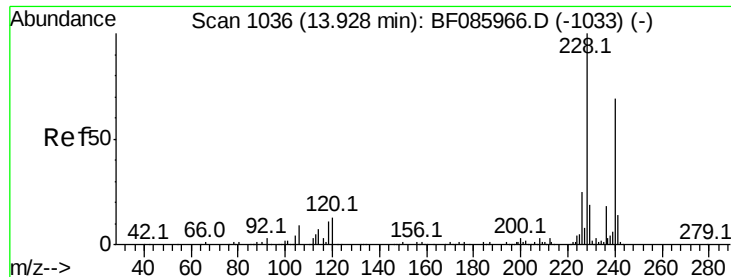


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

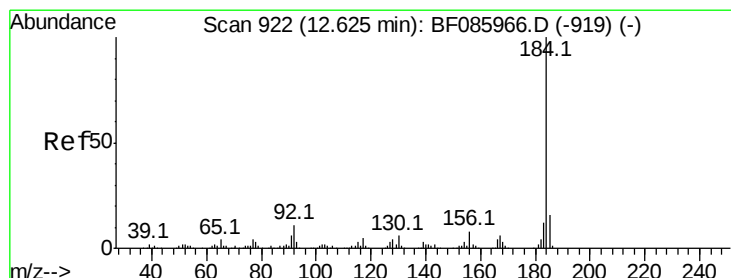
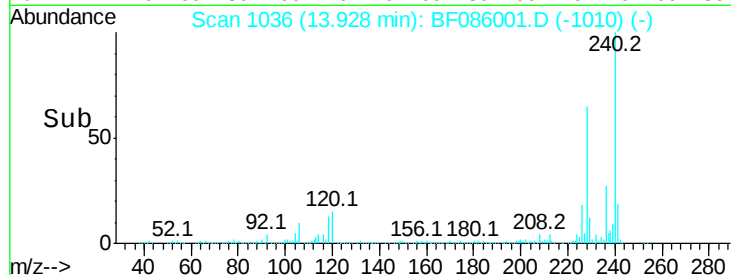
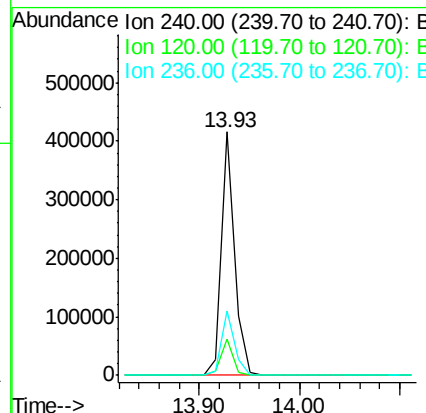
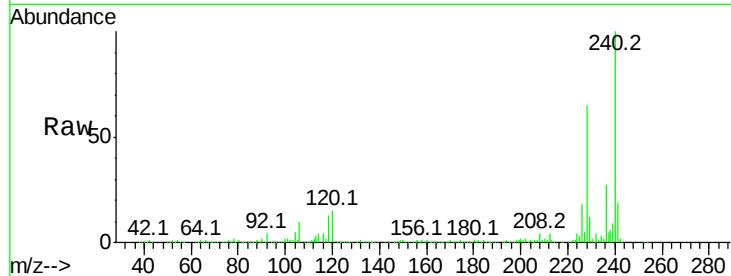
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	240	Resp:	379384
Ion Ratio	Lower	Upper	
240	100		
120	14.9	13.8	20.8
236	26.6	20.6	30.8

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#76

Benzidine

Concen: 31.36 ng

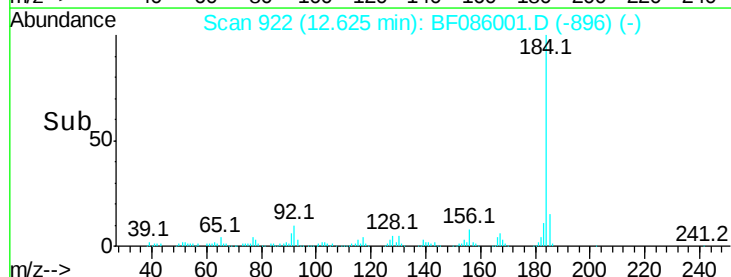
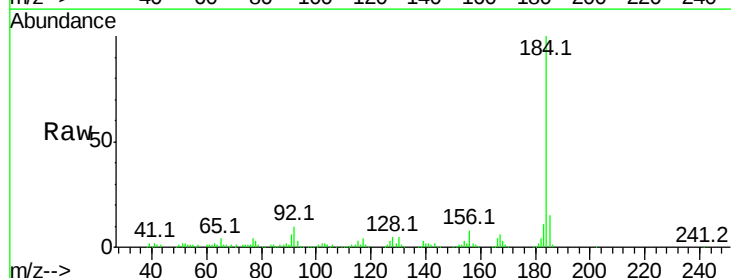
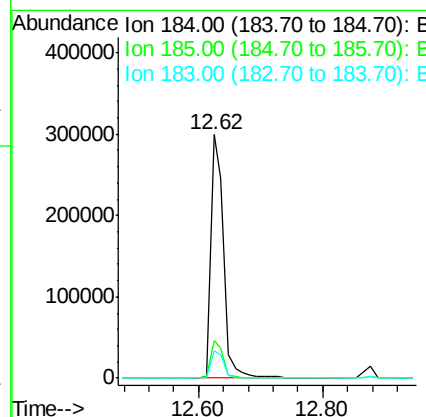
RT: 12.62 min Scan# 922

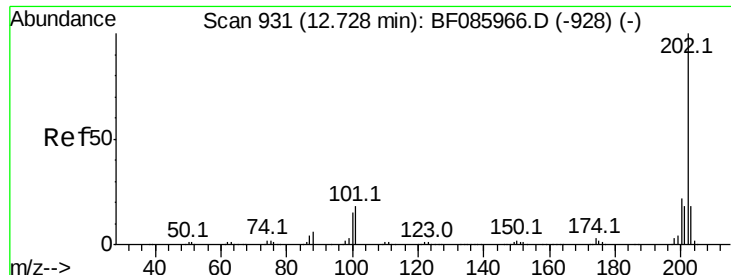
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	184	Resp:	419726
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.4	18.6
183	11.3	9.4	14.2





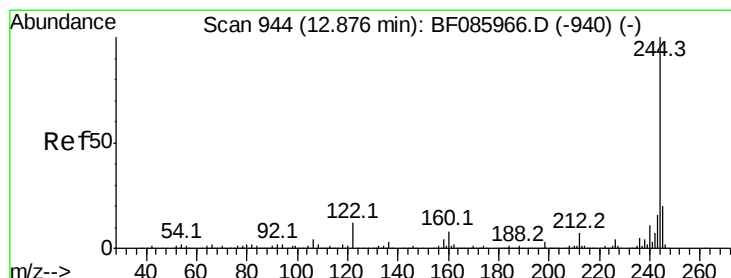
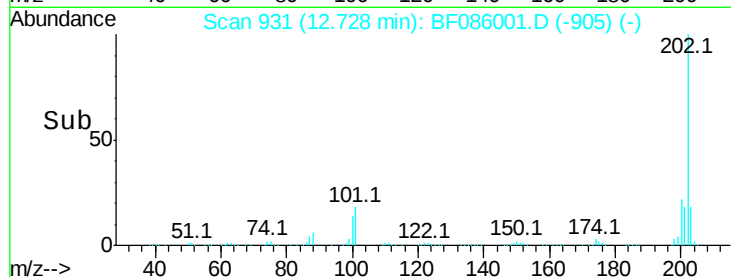
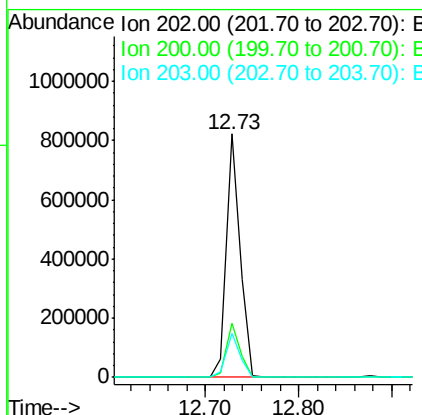
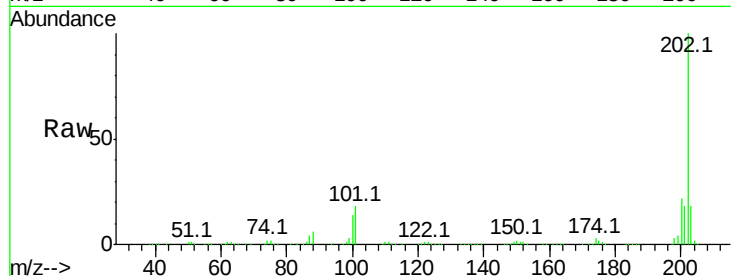
#77
Pvrene
Concen: 31.55 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.2	14.0	21.0

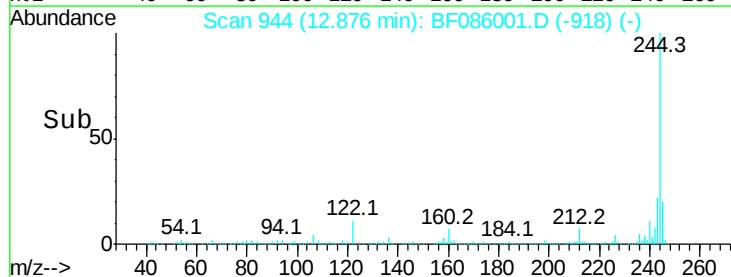
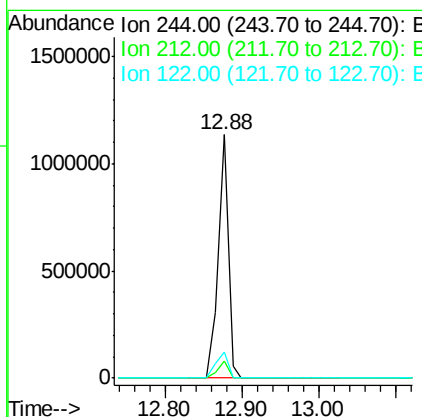
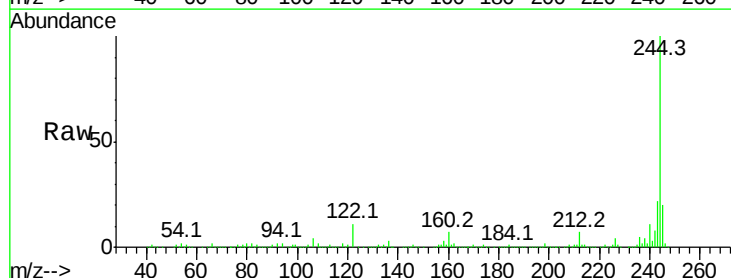
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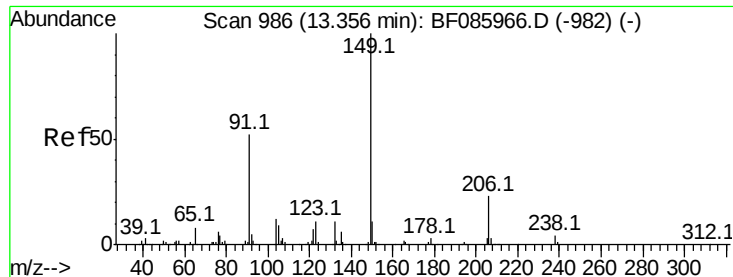
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#78
Terphenyl-d14
Concen: 64.30 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.8	10.2	15.4





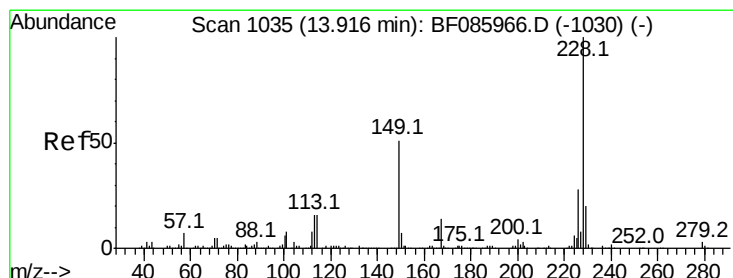
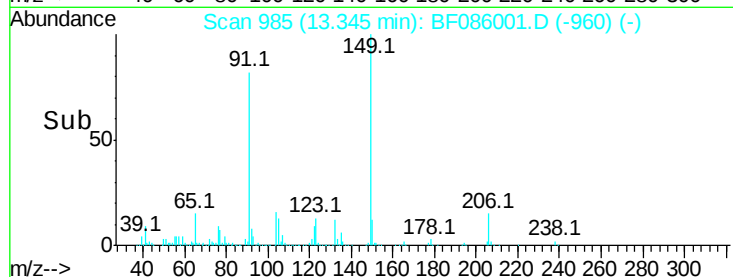
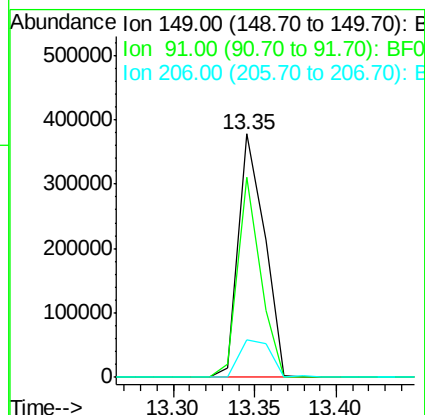
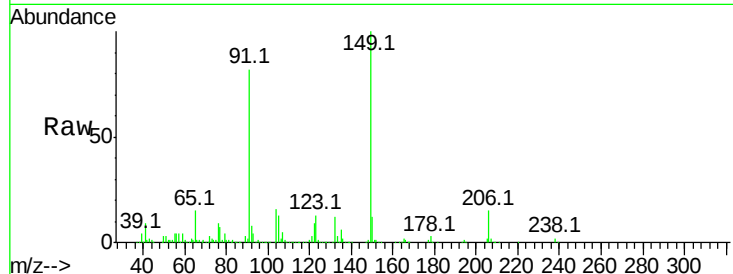
#79
Butylbenzylphthalate
Concen: 34.69 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	82.2	45.8	68.8#	
206	15.3	17.8	26.8#	

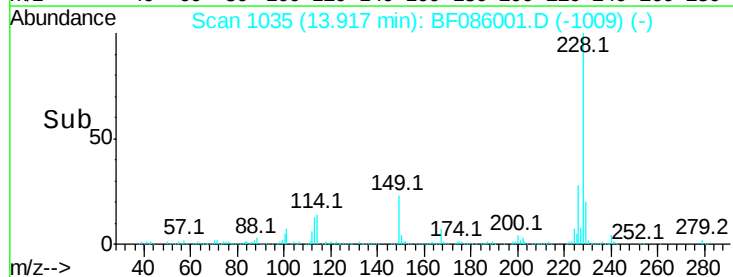
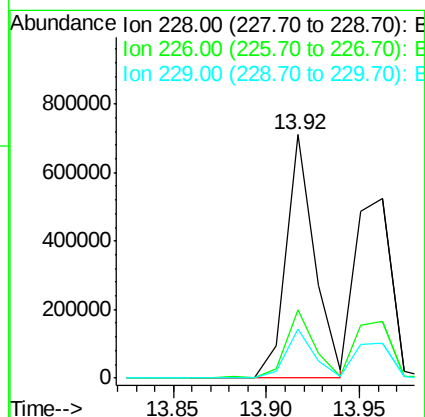
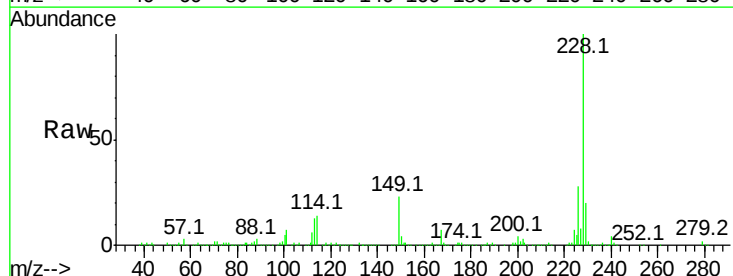
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 33.62 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.2	22.1	33.1	
229	20.1	16.2	24.4	





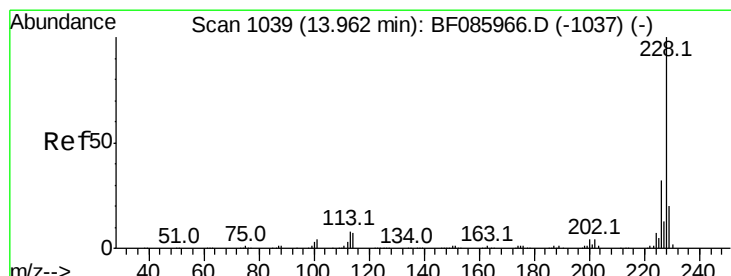
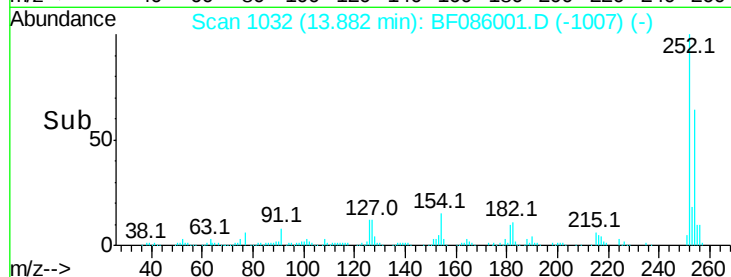
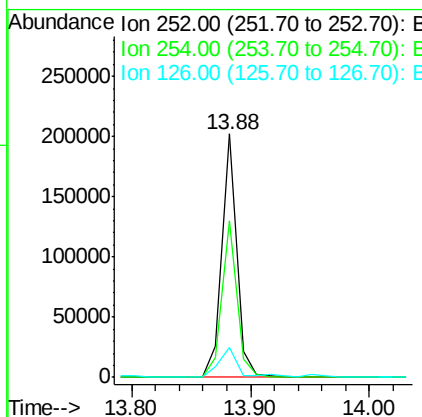
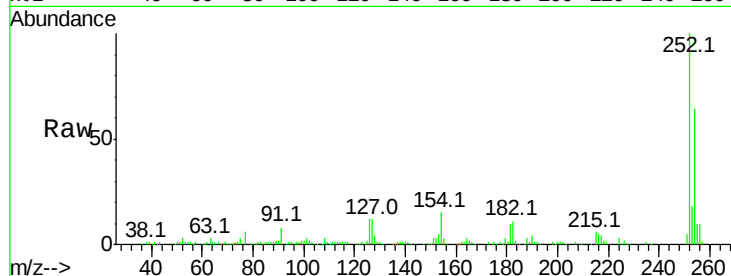
#81
 3,3'-Dichlorobenzidine
 Concen: 10.73 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	12.3	11.8	17.6

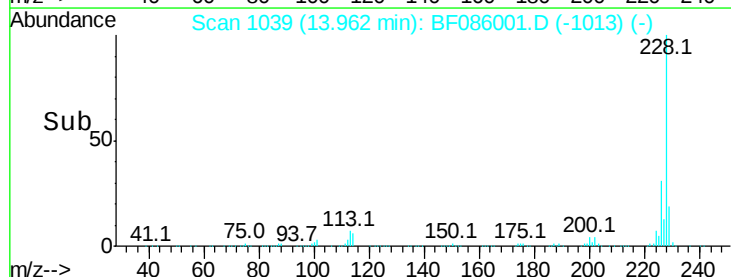
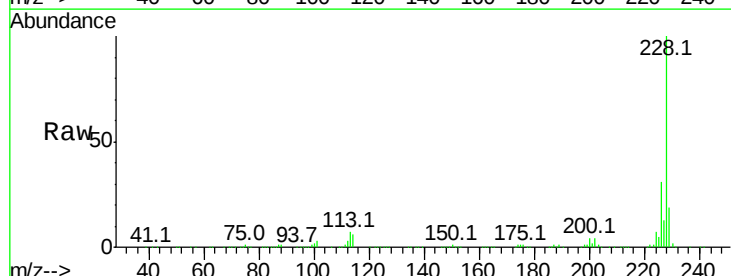
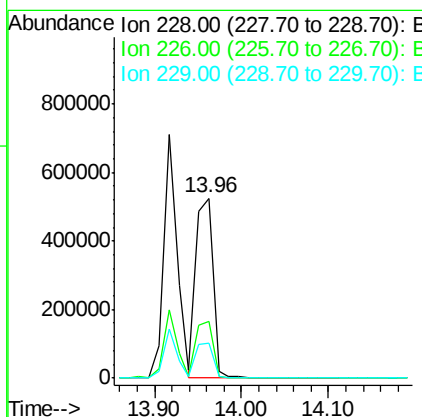
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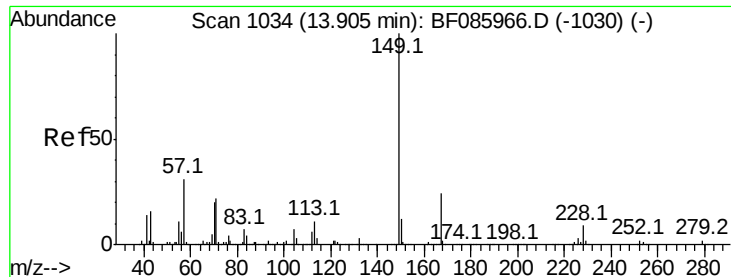
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#82
 Chrysene
 Concen: 33.31 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.3	15.7	23.5





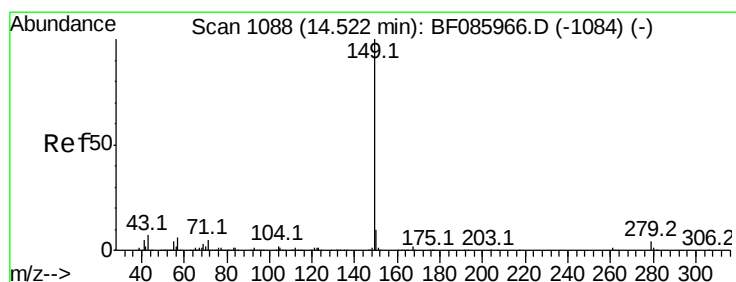
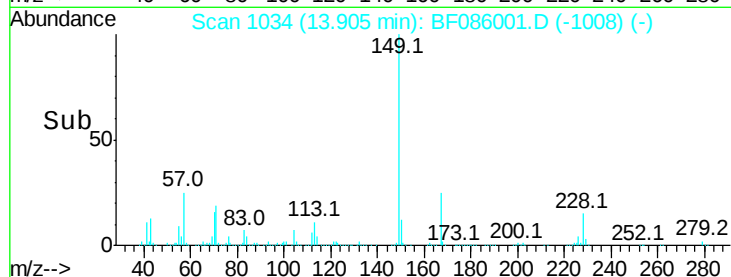
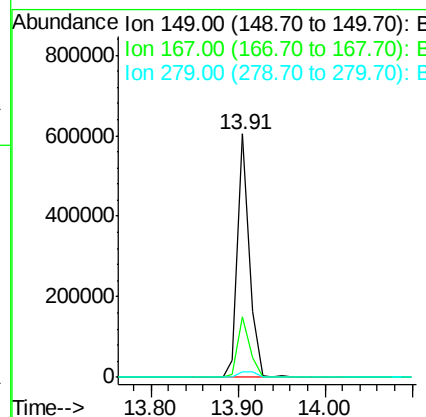
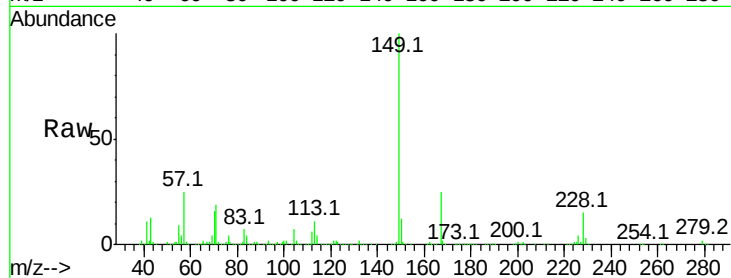
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.29 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.4	29.2
279	2.3	1.5	2.3

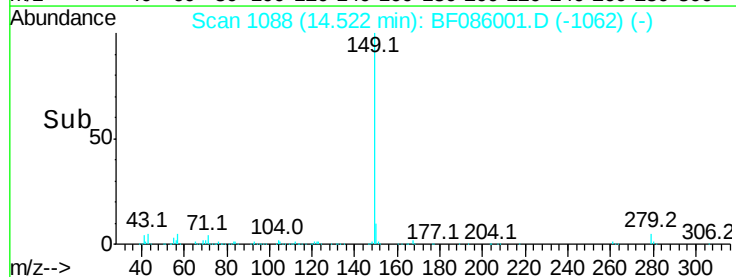
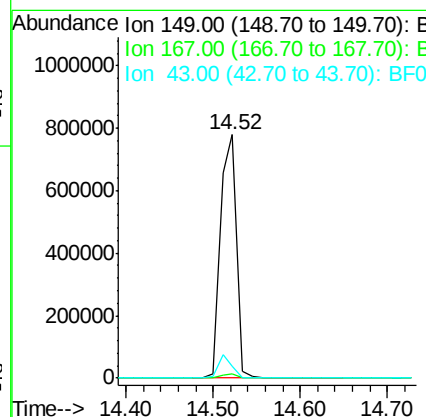
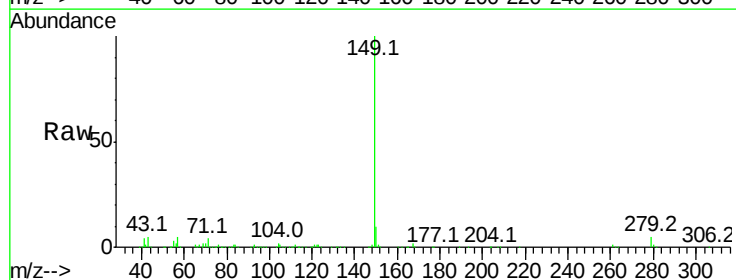
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 39.96 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF086001.D
 Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.1	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.62 ng

RT: 16.69 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

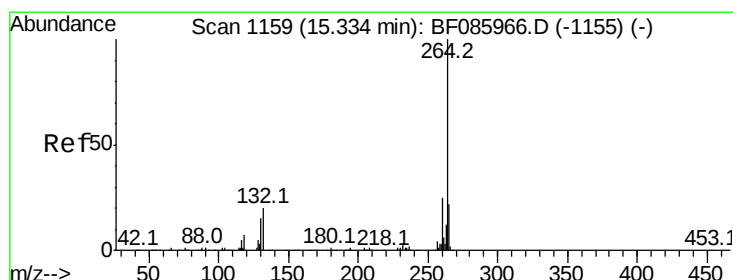
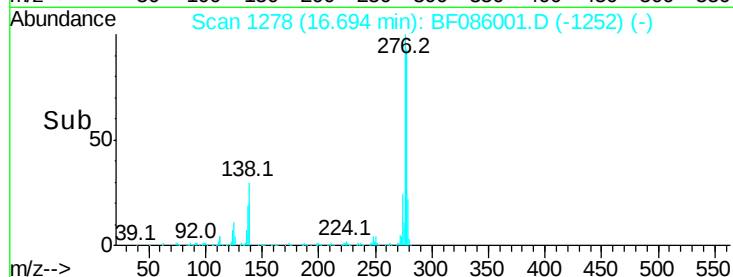
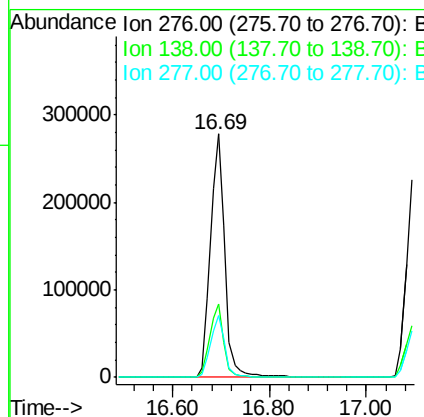
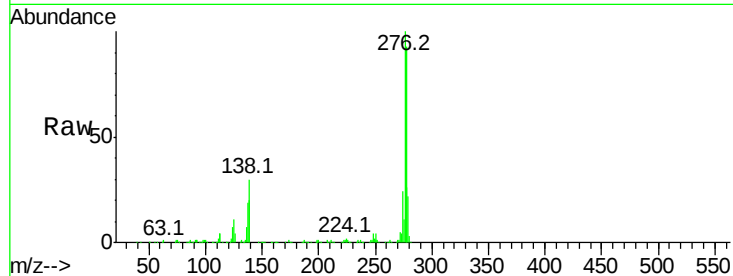
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	276	Resp:	587560
Ion Ratio		Lower	Upper
276	100		
138	29.4	24.2	36.4
277	25.1	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

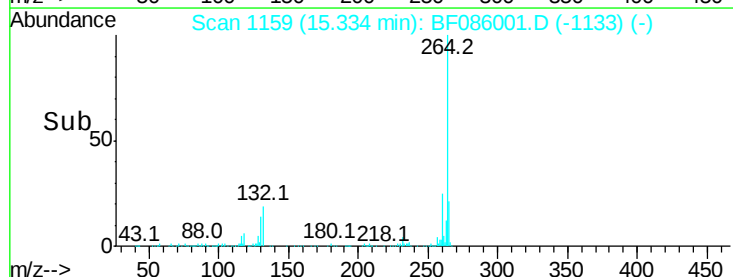
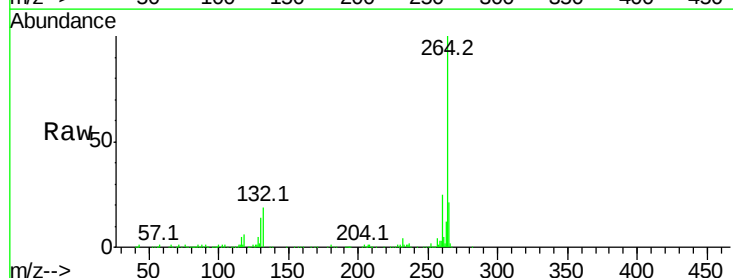
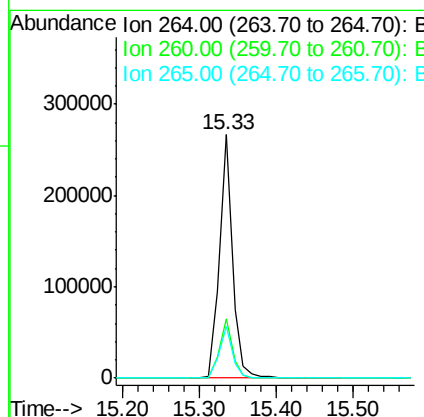
RT: 15.33 min Scan# 1159

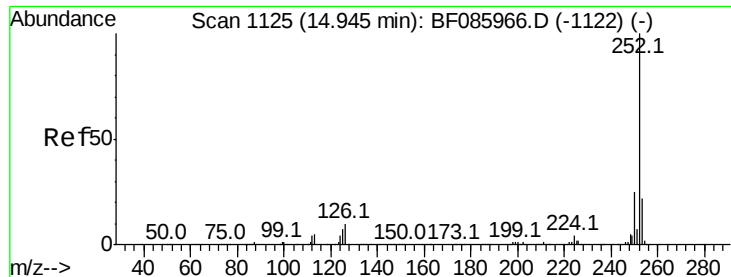
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	264	Resp:	317635
Ion Ratio		Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.90 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

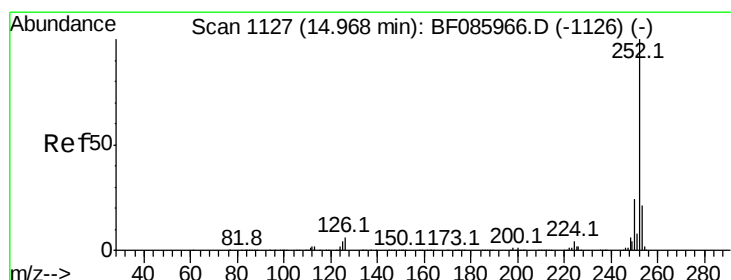
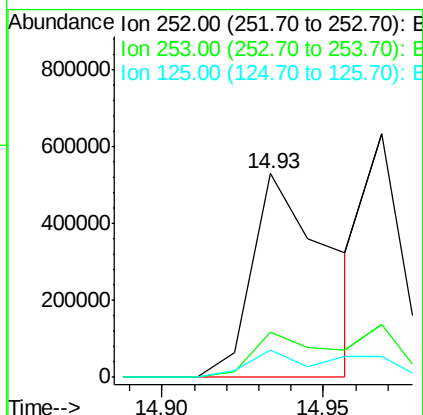
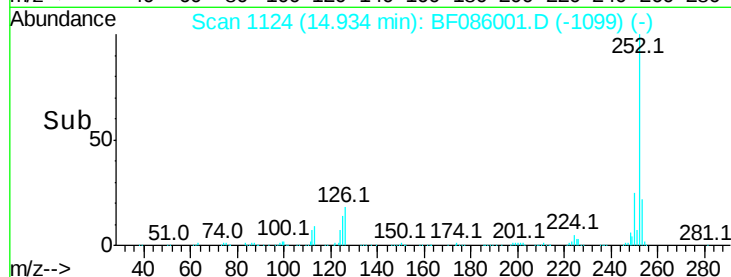
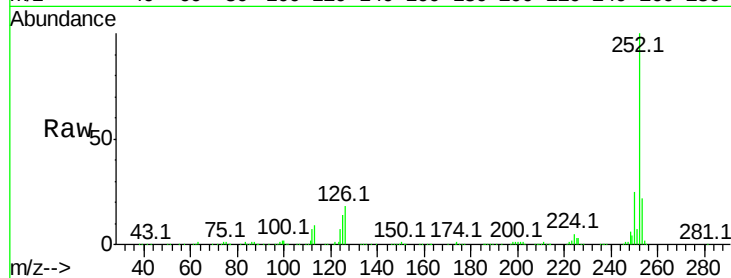
ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	252	Resp:	877244
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	13.5	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 28.31 ng m

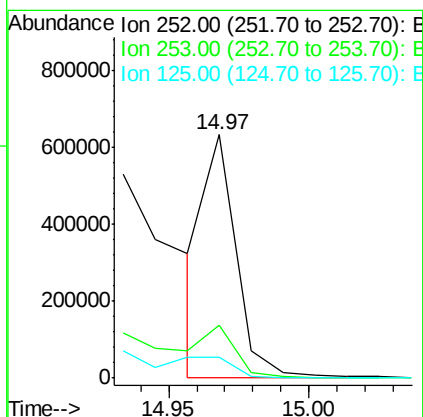
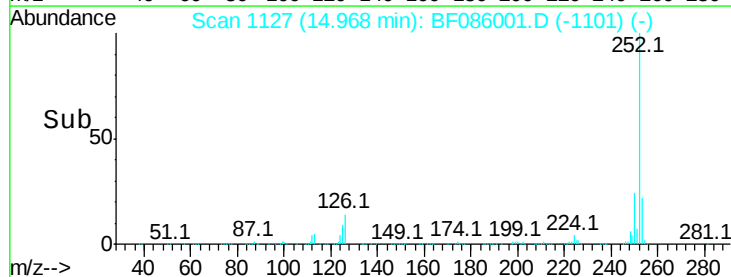
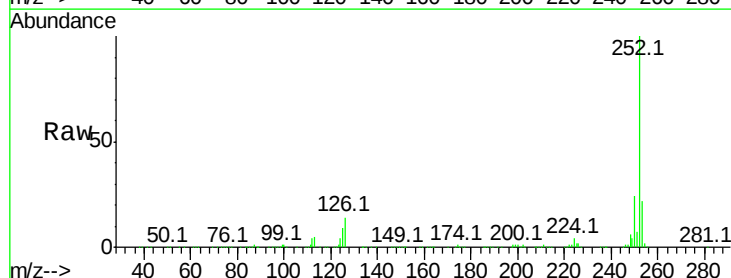
RT: 14.97 min Scan# 1127

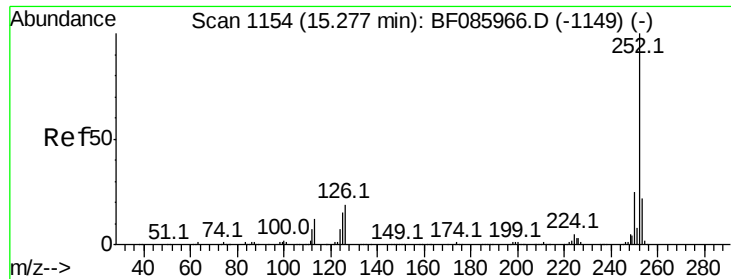
Delta R.T. 0.00 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Tgt Ion:	252	Resp:	500873
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	8.8	7.7	11.5





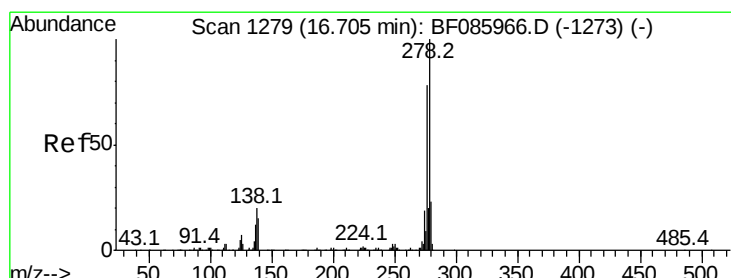
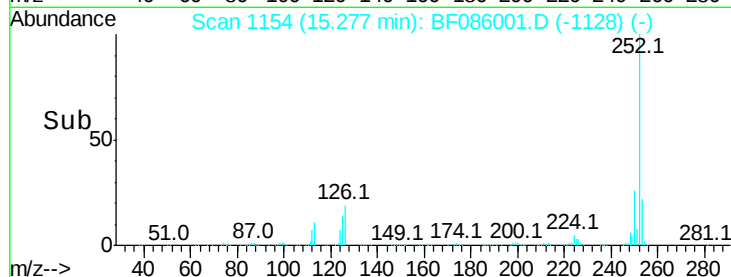
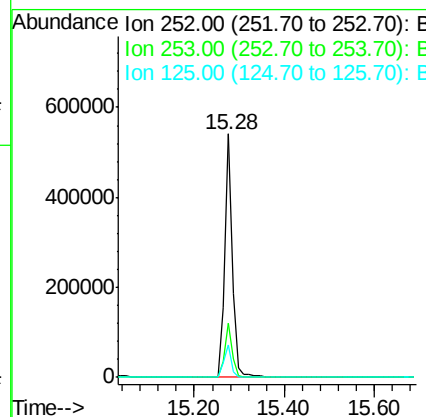
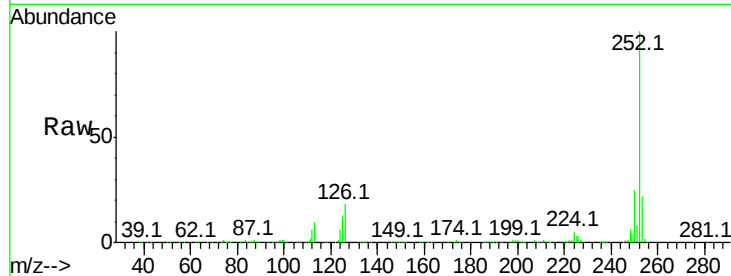
#89
Benzo(a)pyrene
Concen: 36.22 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	13.4	10.3	15.5

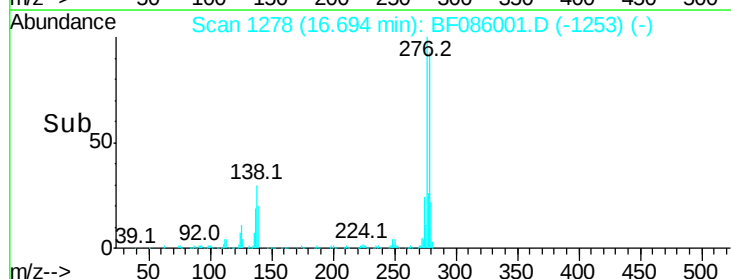
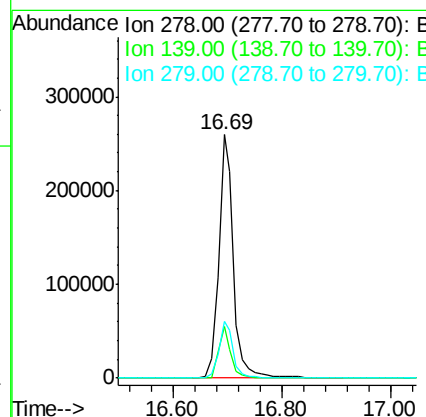
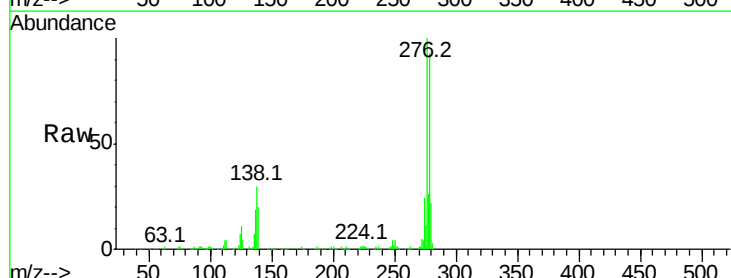
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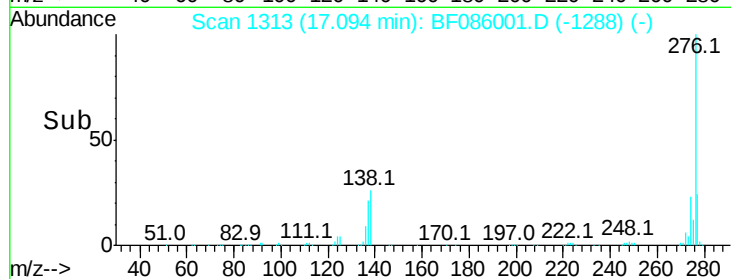
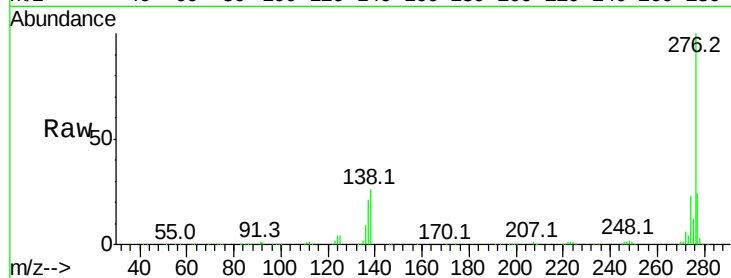
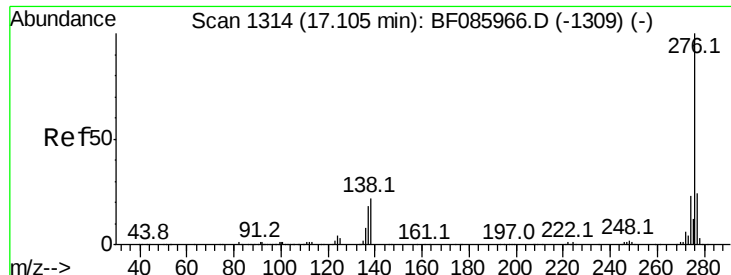
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 34.77 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	14.4	21.6
279	23.6	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 34.21 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF086001.D

Acq: 2 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MSD

Tot Ion:	276	Resp:	471525
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	26.4	22.6	34.0

Manual Integrations
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