

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086000.D
 Acq On : 2 Apr 2016 9:46
 Operator : UM/SJ
 Sample : H2055-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:44 PM

Quant Time: Apr 04 01:51:21 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	123329	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	501901	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	239661	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	461954	20.00	ng	0.00
75) Chrysene-d12	13.93	240	360453	20.00	ng	0.00
86) Perylene-d12	15.33	264	315234	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	915639	126.90	ng	0.01
7) Phenol-d6	6.42	99	1242781	135.61	ng	0.00
23) Nitrobenzene-d5	7.34	82	730170	85.79	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	316519	140.71	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1299121	90.13	ng	0.00
78) Terphenyl-d14	12.88	244	1200430	78.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	128656	37.61	ng	99
3) Pyridine	3.07	79	353368	46.14	ng	94
4) n-Nitrosodimethylamine	3.04	42	155117	46.06	ng	96
6) Aniline	6.44	93	383973	31.93	ng	# 44
8) 2-Chlorophenol	6.57	128	365369	42.46	ng	91
9) Benzaldehyde	6.33	77	179489	36.40	ng	90
10) Phenol	6.44	94	467142	44.69	ng	84
11) bis(2-Chloroethyl)ether	6.52	93	374482m	45.24	ng	
12) 1,3-Dichlorobenzene	6.72	146	397477m	43.59	ng	
13) 1,4-Dichlorobenzene	6.80	146	396360	42.19	ng	93
14) 1,2-Dichlorobenzene	6.94	146	375338	43.40	ng	98
15) Benzyl Alcohol	6.93	79	286987	48.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	410357	40.58	ng	90
17) 2-Methylphenol	7.05	107	322968	47.61	ng	97
18) Hexachloroethane	7.28	117	145455	42.09	ng	# 80
19) n-Nitroso-di-n-propylamine	7.20	70	233064	41.03	ng	95
20) 3+4-Methylphenols	7.20	107	371264	44.99	ng	95
22) Acetophenone	7.20	105	504578	42.77	ng	# 95
24) Nitrobenzene	7.37	77	426001	45.75	ng	89
25) Isophorone	7.61	82	766329	45.61	ng	95
26) 2-Nitrophenol	7.68	139	200138	44.93	ng	# 82
27) 2,4-Dimethylphenol	7.72	122	334323	41.78	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	442079	44.85	ng	98
29) 2,4-Dichlorophenol	7.93	162	317913	47.00	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	330456	43.52	ng	94
31) Naphthalene	8.08	128	1070703	42.41	ng	100
32) Benzoic acid	7.82	122	21809	3.72	ng	94
33) 4-Chloroaniline	8.14	127	234984	23.04	ng	99
34) Hexachlorobutadiene	8.20	225	170456	41.76	ng	98
35) Caprolactam	8.52	113	105683m	49.25	ng	
36) 4-Chloro-3-methylphenol	8.64	107	370905	48.78	ng	92
37) 2-Methylnaphthalene	8.77	142	716579	43.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	302641	42.02	ng	99
40) Hexachlorocyclopentadiene	8.92	237	227771	85.10	ng	99

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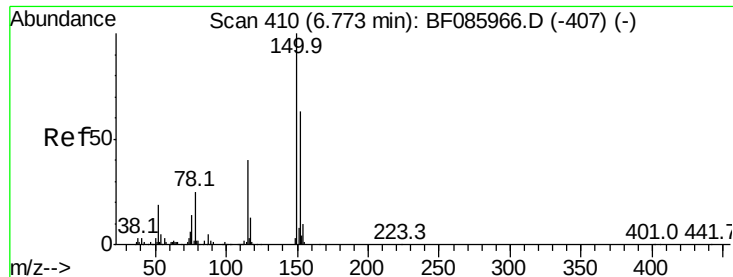
Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:44:44 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	214609	46.40	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	219750	46.79	nq	97
45) 1,1'-Biphenyl	9.24	154	873580	42.27	nq	94
46) 2-Chloronaphthalene	9.26	162	671790	44.85	nq	98
47) 2-Nitroaniline	9.37	65	225073	51.35	nq	89
48) Acenaphthylene	9.68	152	1038931	43.30	nq	100
49) Dimethylphthalate	9.55	163	995932	56.07	nq	99
50) 2,6-Dinitrotoluene	9.61	165	163512	43.51	nq	97
51) Acenaphthene	9.85	154	622153	43.60	nq	99
52) 3-Nitroaniline	9.78	138	145702	32.17	nq	92
53) 2,4-Dinitrophenol	9.89	184	78123	41.32	nq #	77
54) Dibenzofuran	10.02	168	862400	45.76	nq	100
55) 4-Nitrophenol	9.96	139	280464	105.03	nq	88
56) 2,4-Dinitrotoluene	10.02	165	231161	48.68	nq #	73
57) Fluorene	10.36	166	712403	44.25	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	182760	52.27	nq	94
59) Diethylphthalate	10.24	149	779451	43.48	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	307870	41.05	nq	99
61) 4-Nitroaniline	10.40	138	185714	41.63	nq	90
62) Azobenzene	10.51	77	815513	47.49	nq	99
64) 4,6-Dinitro-2-methylphenol	10.43	198	123795	44.22	nq #	57
65) n-Nitrosodiphenylamine	10.48	169	643627	44.55	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	215721	45.74	nq	96
67) Hexachlorobenzene	10.91	284	232817	47.74	nq	100
68) Atrazine	11.00	200	208538	44.67	nq	97
69) Pentachlorophenol	11.10	266	203746	89.14	nq	98
70) Phenanthrene	11.32	178	1122131	44.53	nq	100
71) Anthracene	11.37	178	1079496	40.89	nq	100
72) Carbazole	11.53	167	933977	41.16	nq	99
73) Di-n-butylphthalate	11.86	149	1238579	44.05	nq	100
74) Fluoranthene	12.51	202	1162619	44.35	nq	89
76) Benzidine	12.64	184	603228	47.43	nq	99
77) Pyrene	12.74	202	1158988	45.63	nq	100
79) Butylbenzylphthalate	13.35	149	545146	47.66	nq #	71
80) Benzo(a)anthracene	13.92	228	952106	44.81	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	222961	14.37	nq	100
82) Chrysene	13.96	228	988431	48.29	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	685066	45.13	nq	99
84) Di-n-octyl phthalate	14.52	149	1281504	52.87	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	714610	43.03	nq	99
87) Benzo(b)fluoranthene	14.95	252	1040568m	52.47	nq	
88) Benzo(k)fluoranthene	14.97	252	676077m	38.50	nq	
89) Benzo(a)pyrene	15.28	252	782824	44.55	nq	98
90) Dibenzo(a,h)anthracene	16.71	278	604816	42.78	nq	98
91) Benzo(g,h,i)perylene	17.11	276	564849	41.29	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

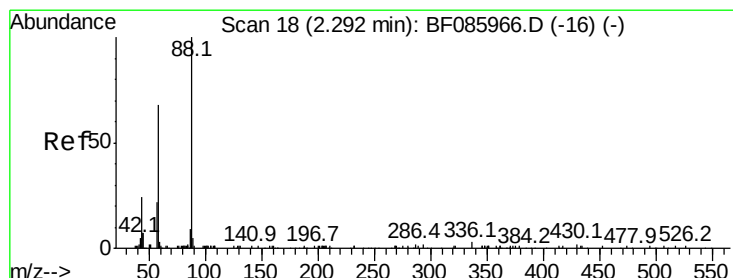
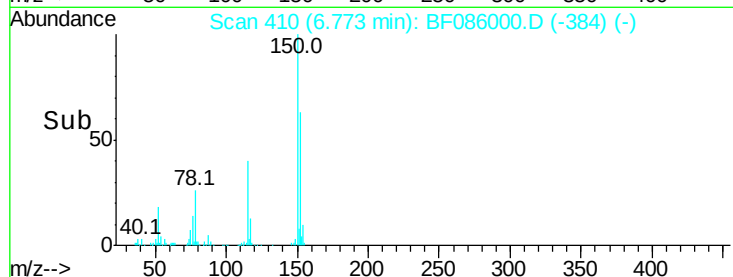
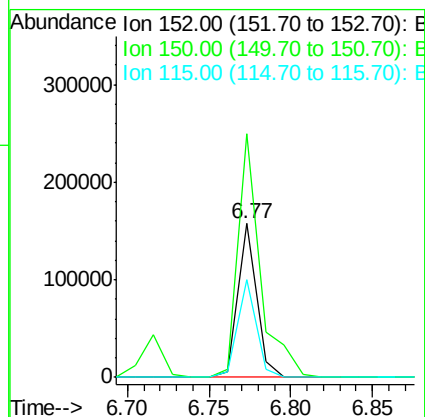
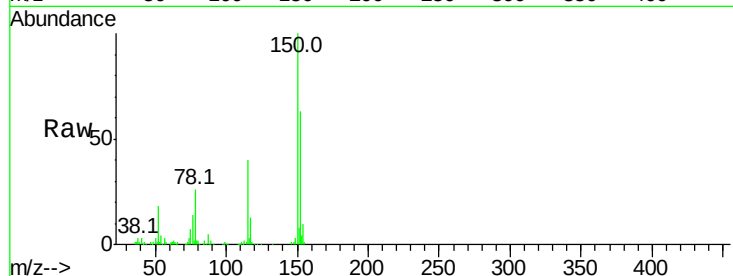
ClientSampleId :

BH-1(0-2)MS

Tot Ion:	152	Resp:	123329
Ion Ratio	Lower	Upper	
152	100		
150	158.5	124.2	186.2
115	63.6	47.0	70.6

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#2

1,4-Dioxane

Concen: 37.61 ng

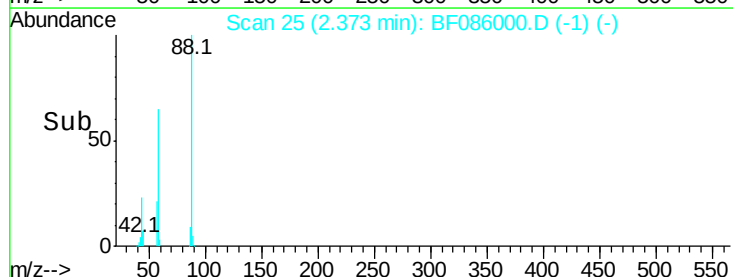
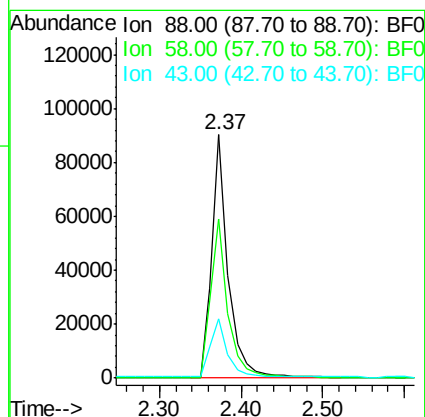
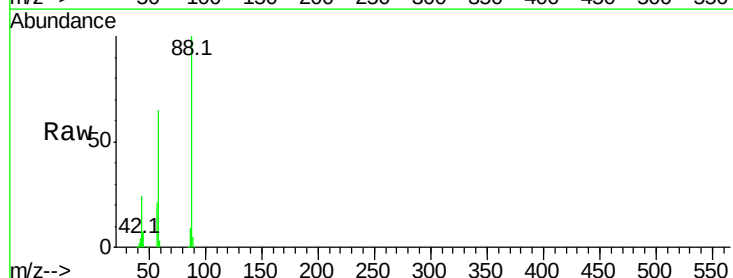
RT: 2.37 min Scan# 25

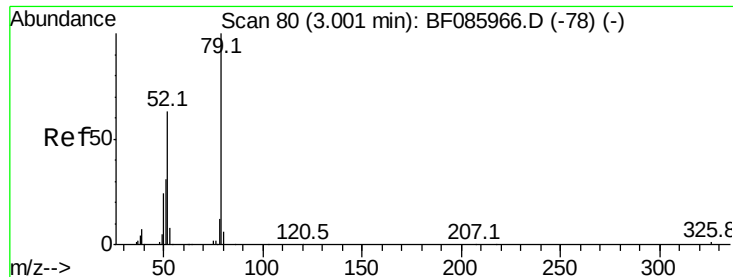
Delta R.T. 0.08 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:	88	Resp:	128656
Ion Ratio	Lower	Upper	
88	100		
58	69.0	54.2	81.2
43	24.6	19.3	28.9





#3

Pvridine

Concen: 46.14 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.07 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

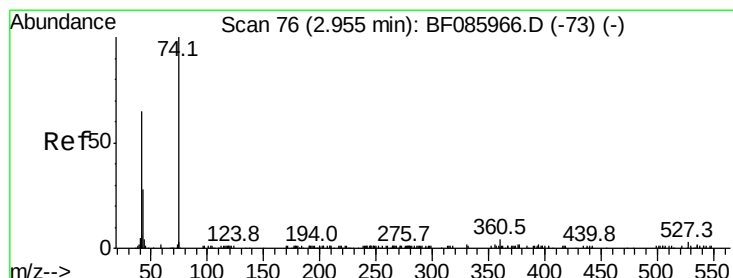
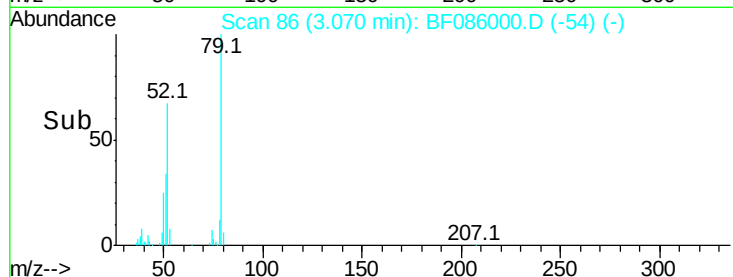
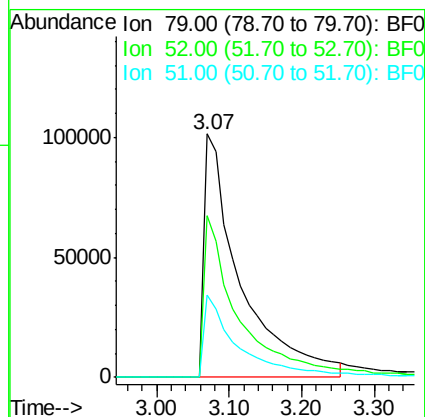
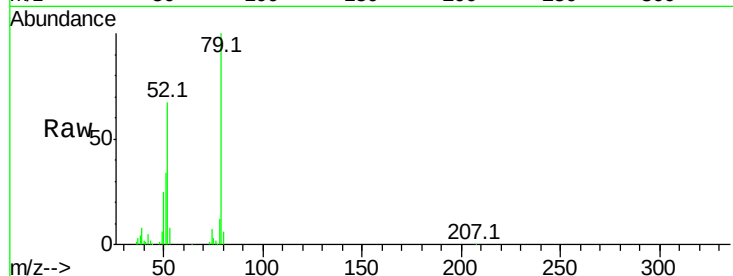
ClientSampleId :

BH-1(0-2)MS

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Tot Ion	79	Resp	353368
Ion Ratio	Lower	Upper	
79	100		
52	66.5	49.8	74.6
51	34.0	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 46.06 ng

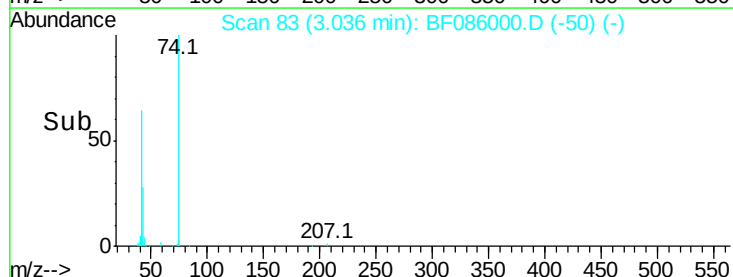
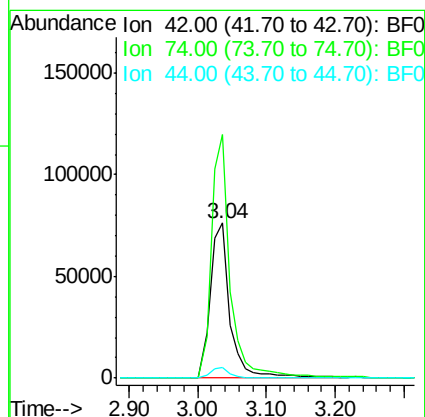
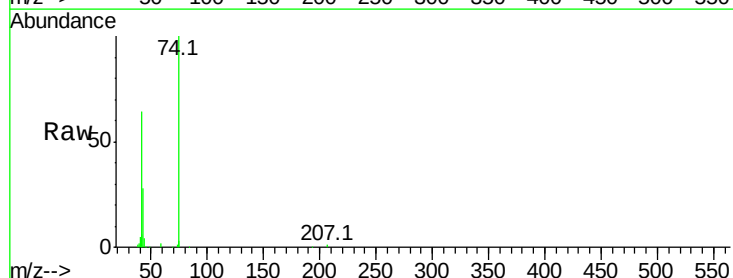
RT: 3.04 min Scan# 83

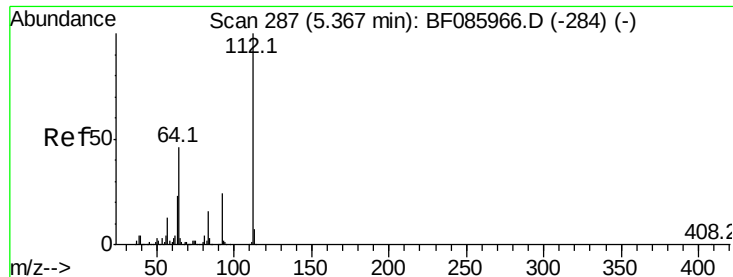
Delta R.T. 0.08 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion	42	Resp	155117
Ion Ratio	Lower	Upper	
42	100		
74	157.4	121.4	182.2
44	6.5	5.6	8.4





#5

2-Fluorophenol

Concen: 126.90 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

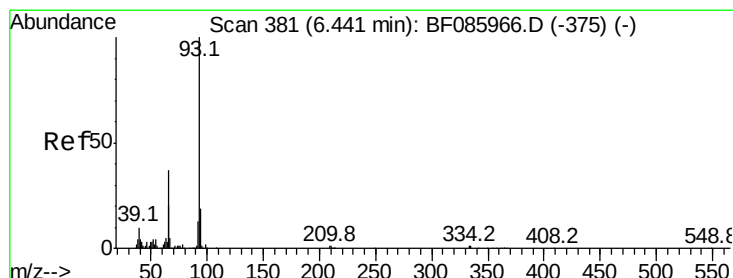
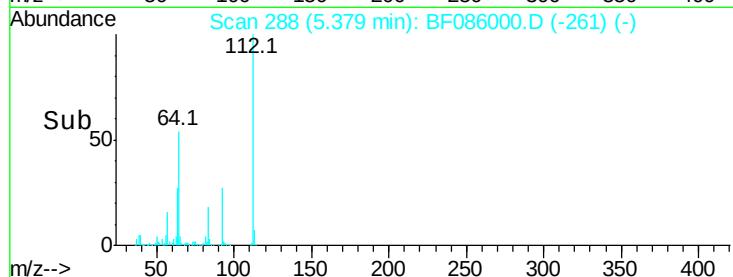
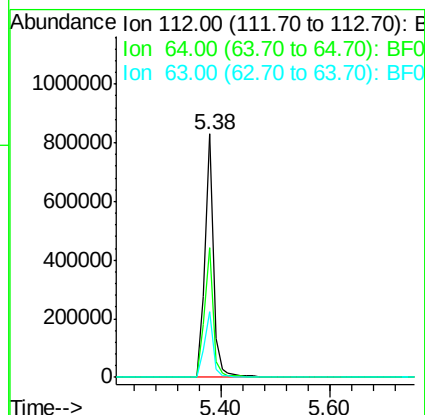
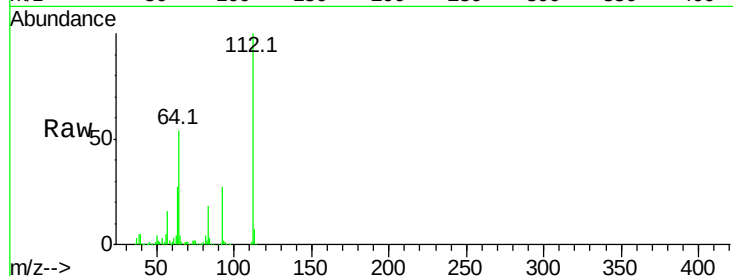
ClientSampleId :

BH-1(0-2)MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100				
64	53.5	39.9	59.9		
63	27.0	20.2	30.2		



#6

Aniline

Concen: 31.93 ng

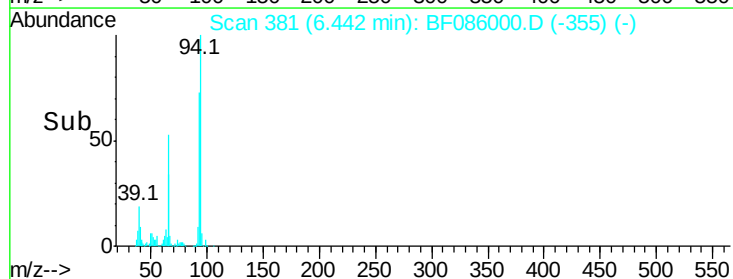
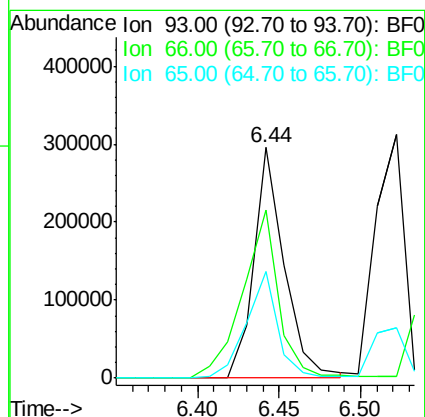
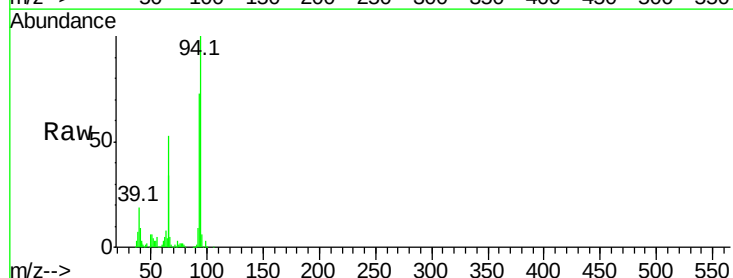
RT: 6.44 min Scan# 381

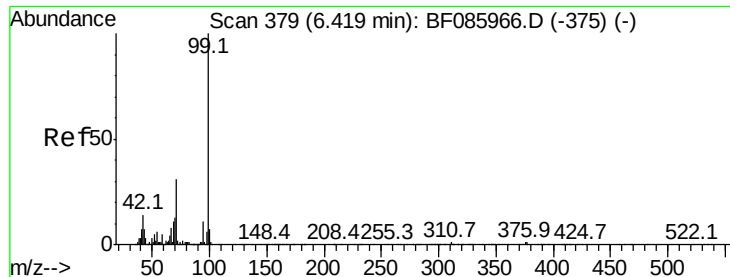
Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
66	73.0	31.4	47.2#		
65	46.1	15.7	23.5#		





#7

Phenol-d6

Concen: 135.61 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tot Ion: 99 Resp: 1242781

Ion Ratio Lower Upper

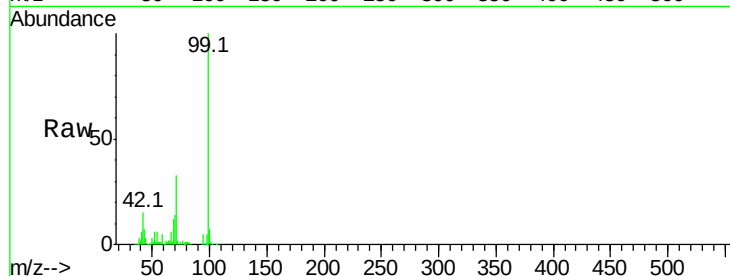
99 100

42 15.4 11.1 16.7

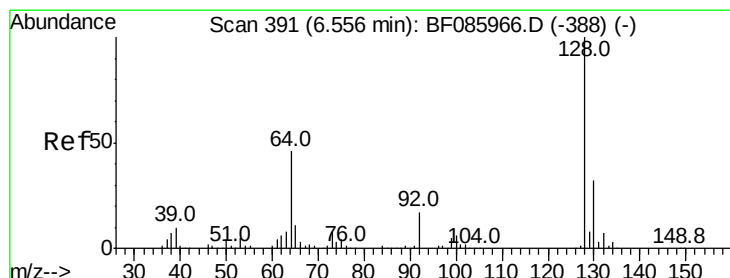
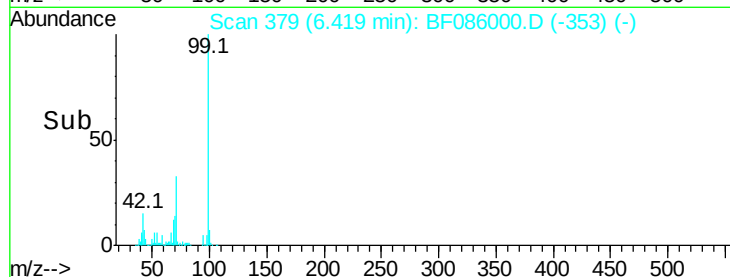
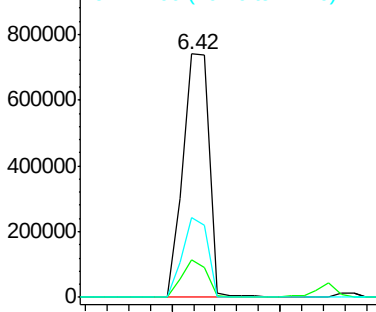
71 32.7 24.9 37.3

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



#8

2-Chlorophenol

Concen: 42.46 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

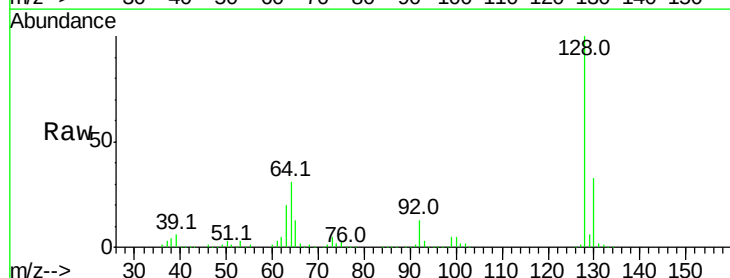
Tgt Ion: 128 Resp: 365369

Ion Ratio Lower Upper

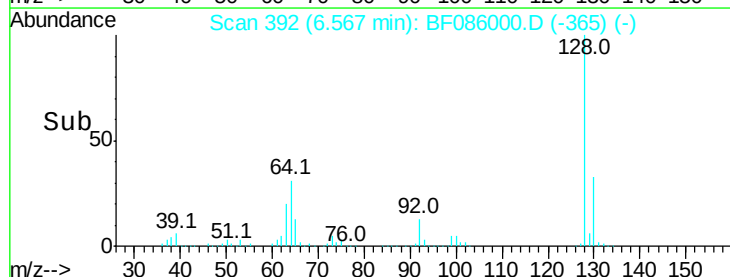
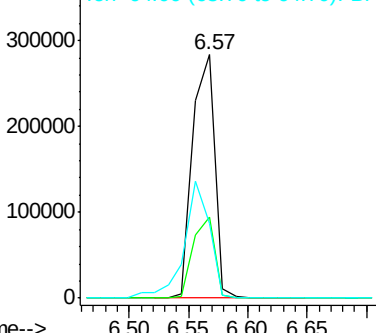
128 100

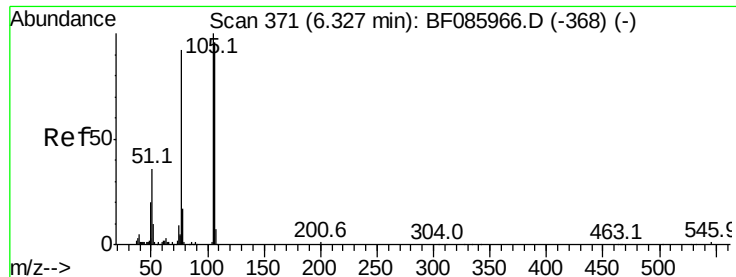
130 33.2 12.9 52.9

64 30.8 20.2 60.2



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





#9

Benzaldehyde

Concen: 36.40 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

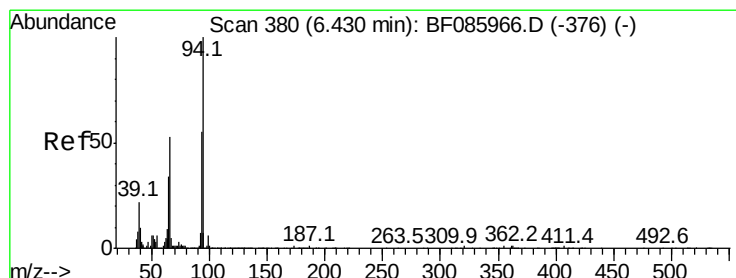
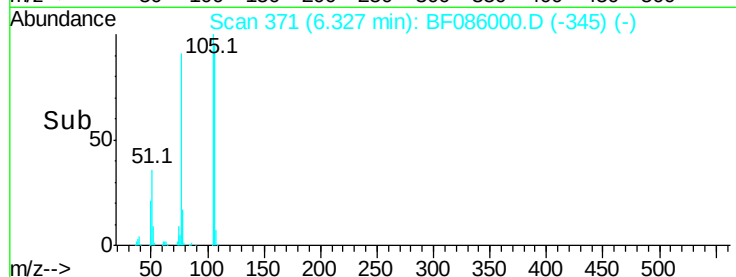
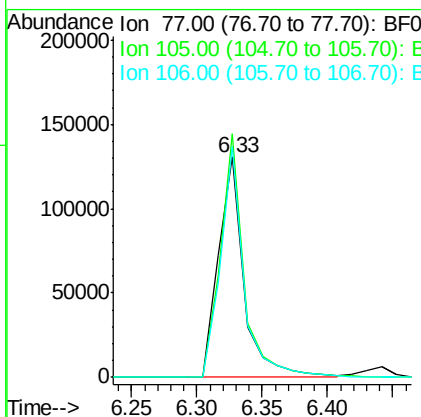
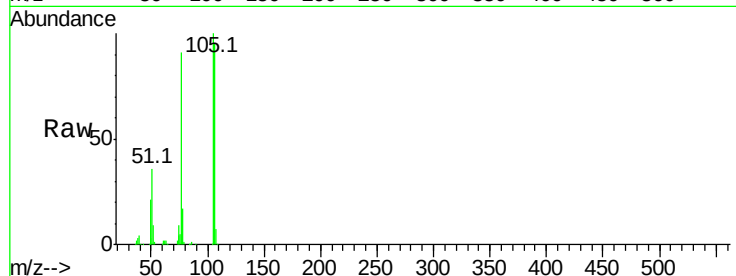
ClientSampleId :

BH-1(0-2)MS

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Tot Ion	Ratio	Lower	Upper
77	100		
105	110.5	80.1	120.1
106	104.5	75.0	115.0



#10

Phenol

Concen: 44.69 ng

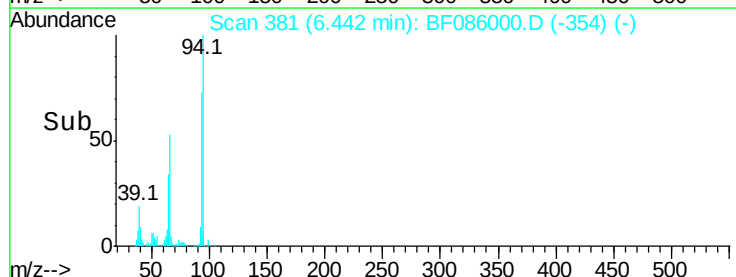
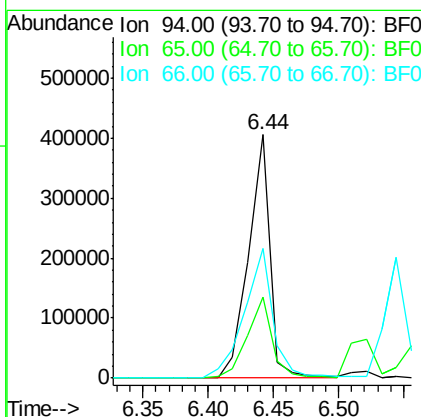
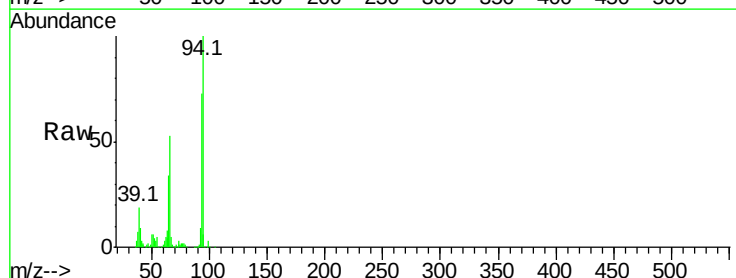
RT: 6.44 min Scan# 381

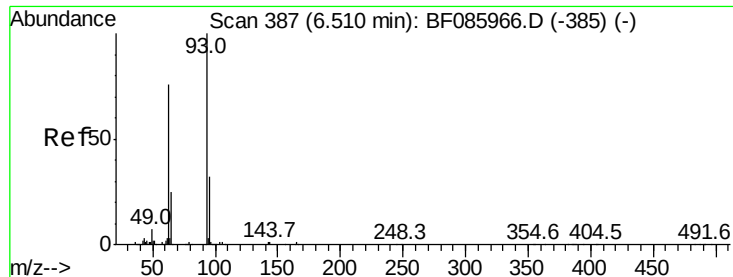
Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	8.6	48.6
66	53.1	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 45.24 ng m

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

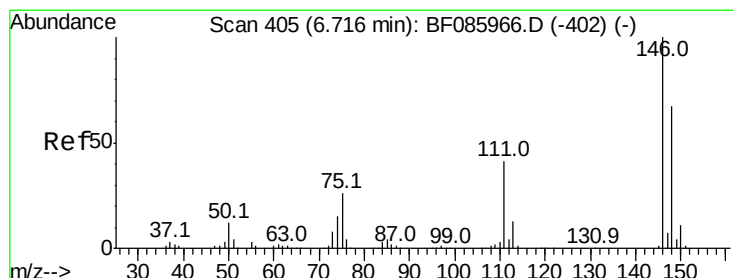
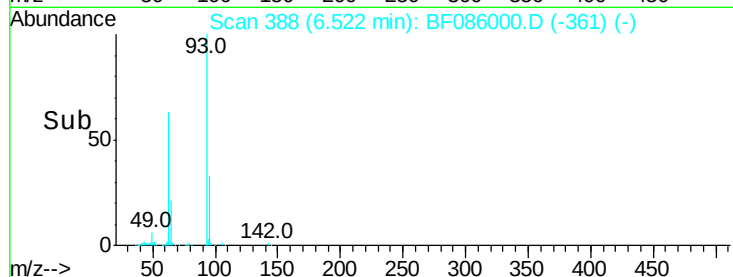
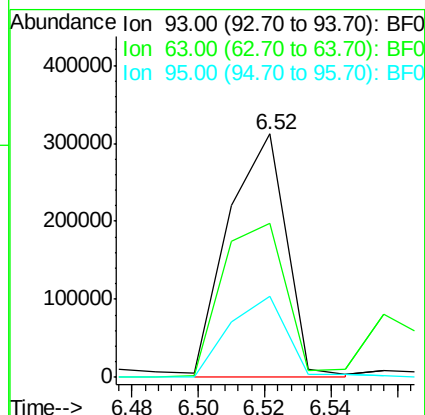
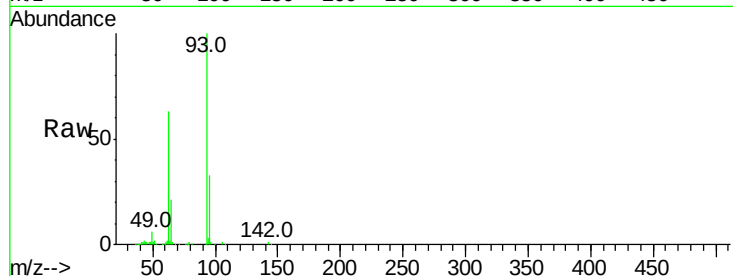
ClientSampleId :

BH-1(0-2)MS

Tot Ion	93	Resp	374482
Ion Ratio	Lower	Upper	
93	100		
63	63.3	50.9	90.9
95	33.4	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 43.59 ng m

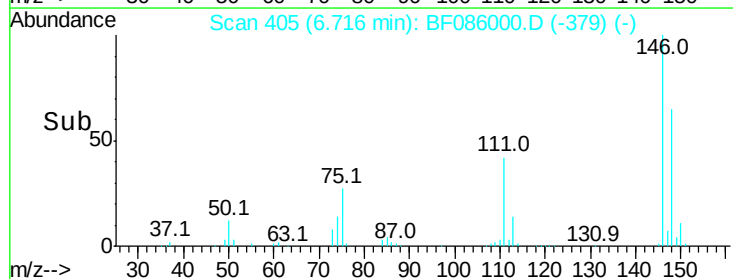
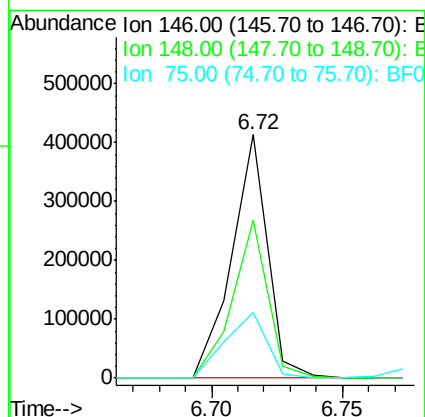
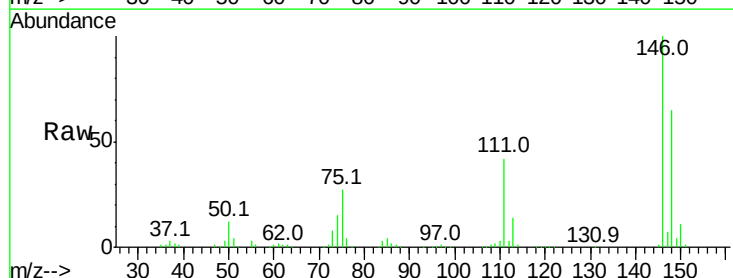
RT: 6.72 min Scan# 405

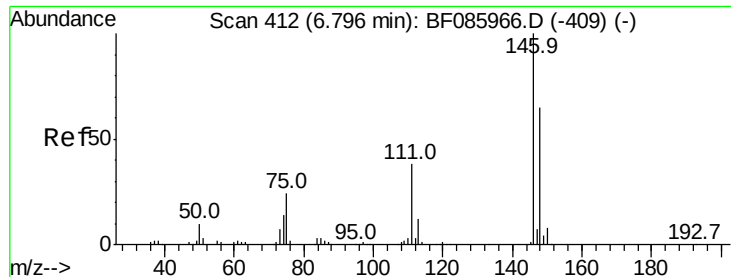
Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion	146	Resp	397477
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.3	78.5
75	26.8	17.4	26.2#





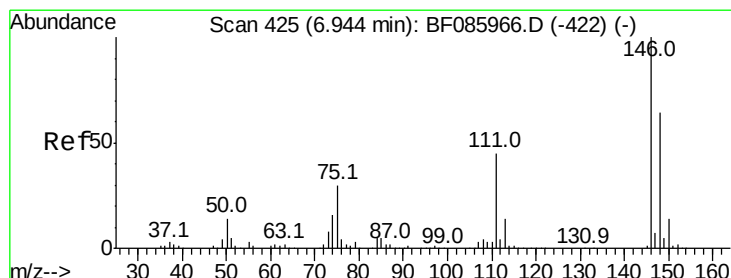
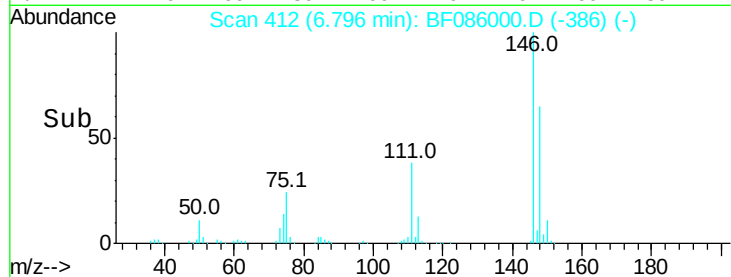
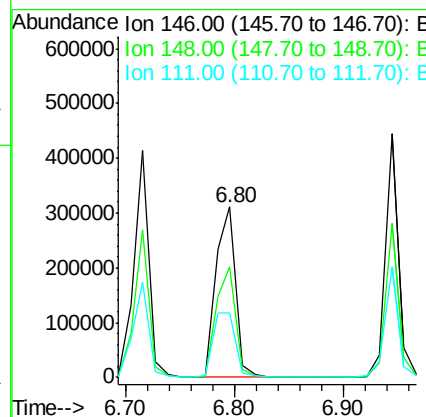
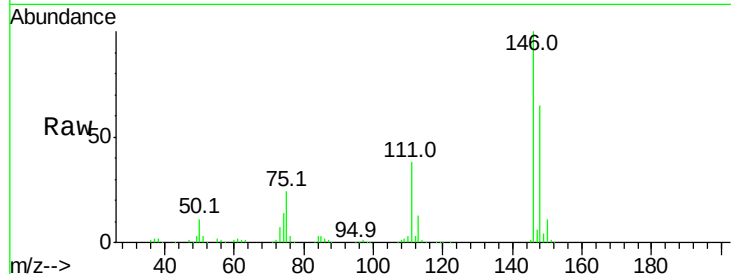
#13
 1,4-Dichlorobenzene
 Concen: 42.19 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	38.0	37.8	56.6

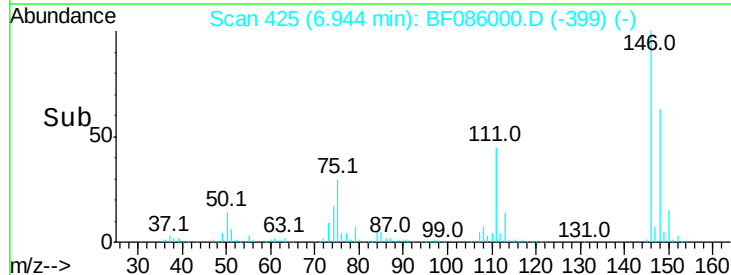
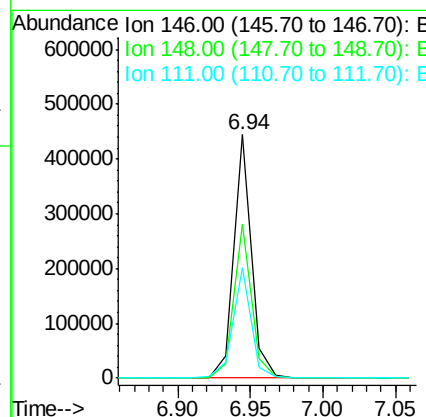
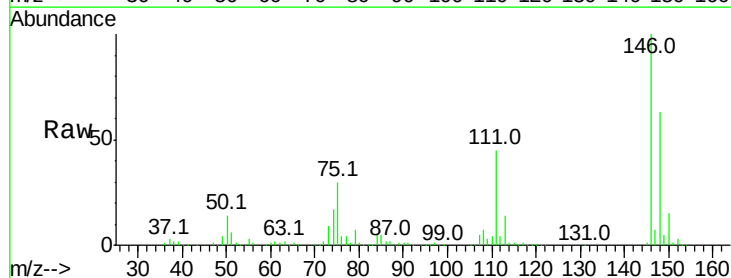
Manual Integrations
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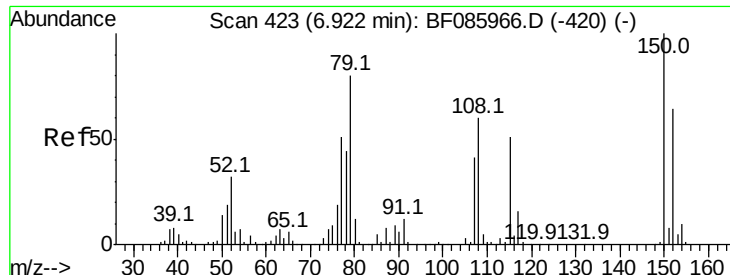
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#14
 1,2-Dichlorobenzene
 Concen: 43.40 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
111	45.2	34.6	52.0





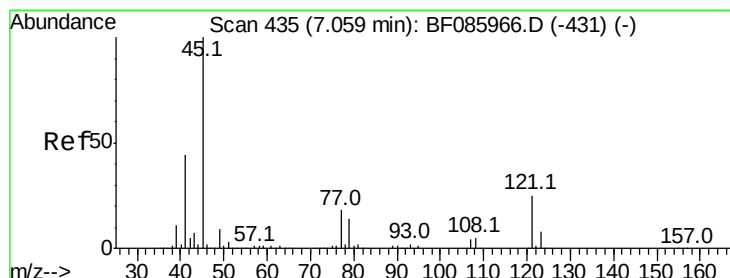
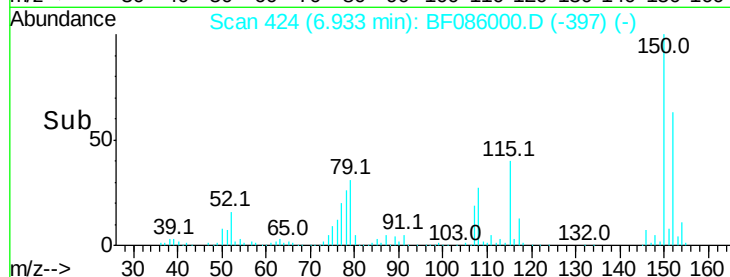
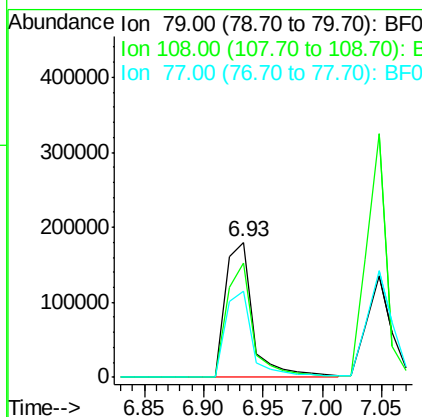
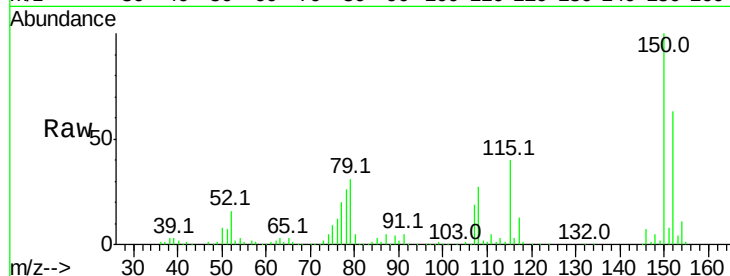
#15
Benzyl Alcohol
Concen: 48.40 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Instrument :
BNA_F
ClientSampled :
BH-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	286987		
108	85.1	61.8	92.6	
77	63.9	49.6	74.4	

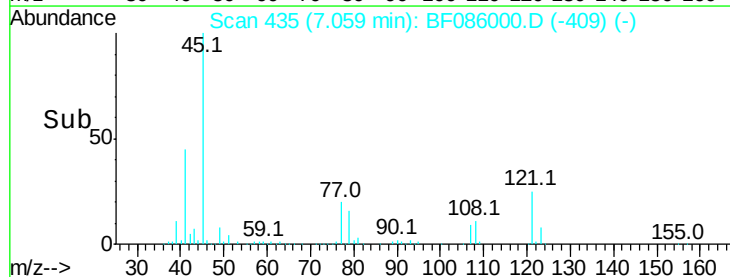
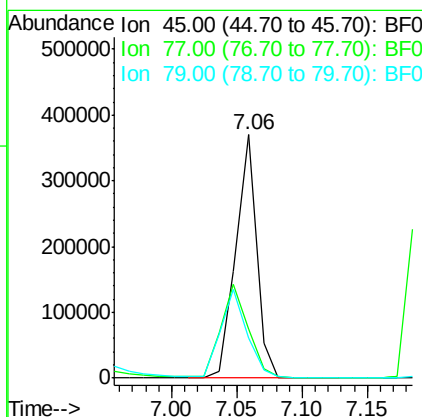
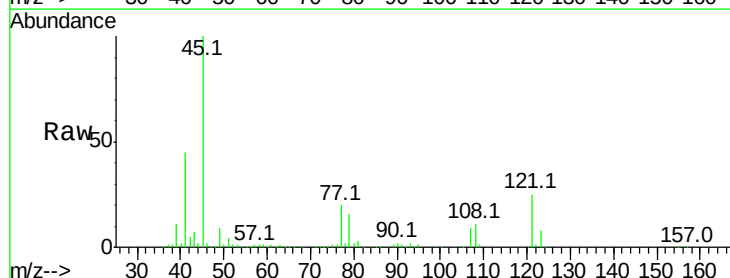
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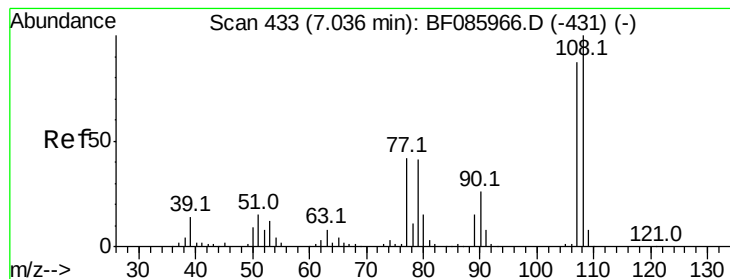
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.58 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	410357		
77	20.0	0.0	35.7	
79	16.3	0.0	32.2	





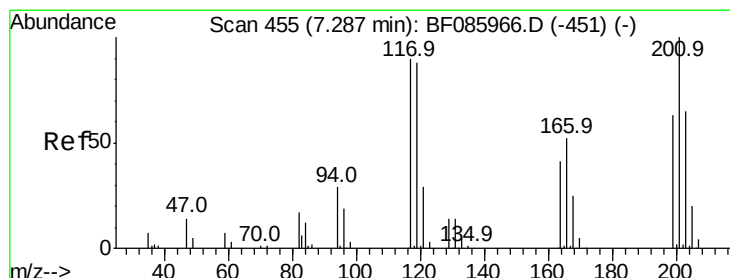
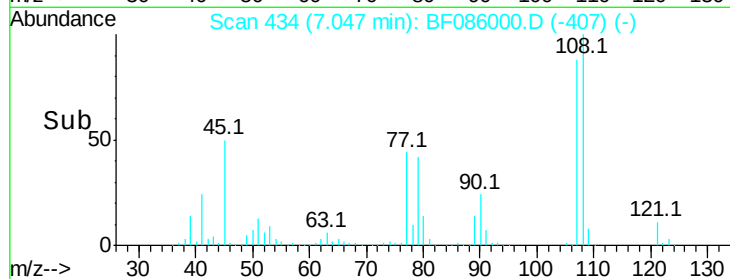
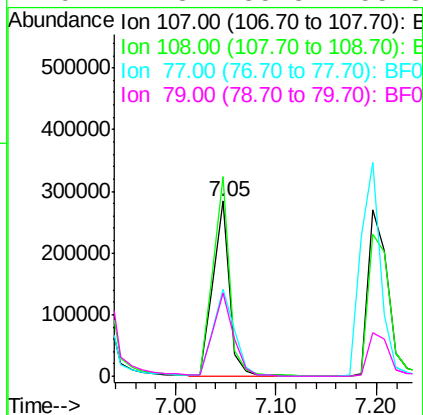
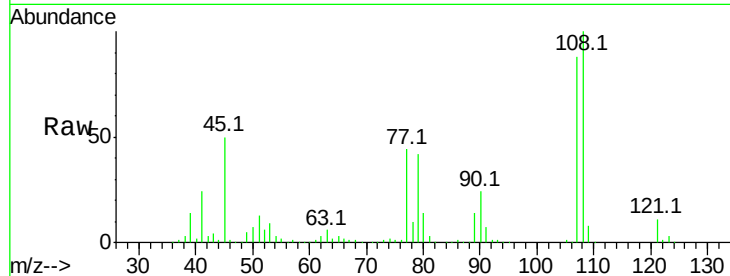
#17
2-Methylphenol
Concen: 47.61 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.4	137.0	
77	49.9	36.2	54.2	
79	47.8	35.8	53.8	

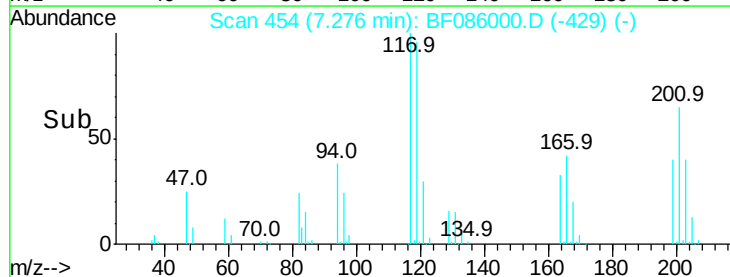
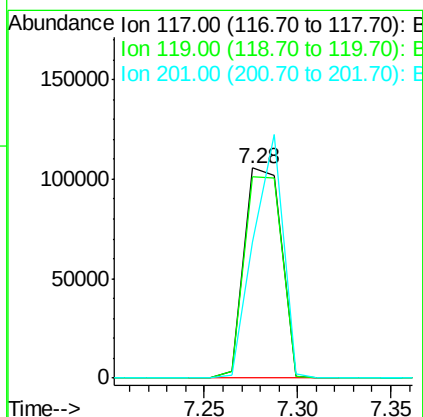
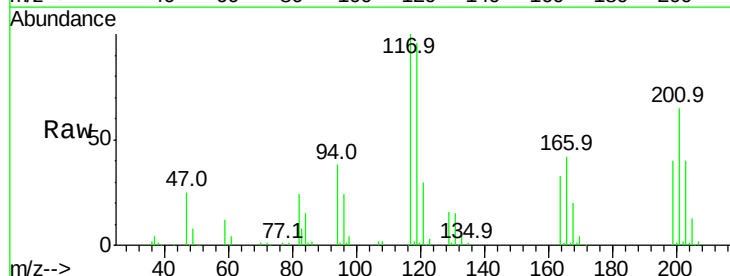
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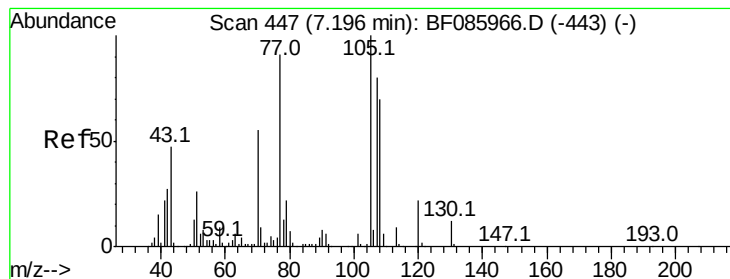
Sohil
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#18
Hexachloroethane
Concen: 42.09 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.7	115.1	
201	64.7	83.3	124.9#	





#19

n-Nitroso-di-n-propylamine

Concen: 41.03 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tot Ion: 70 Resp: 233064

Ion Ratio Lower Upper

70 100

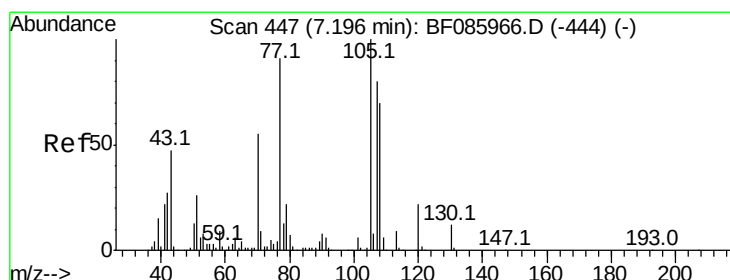
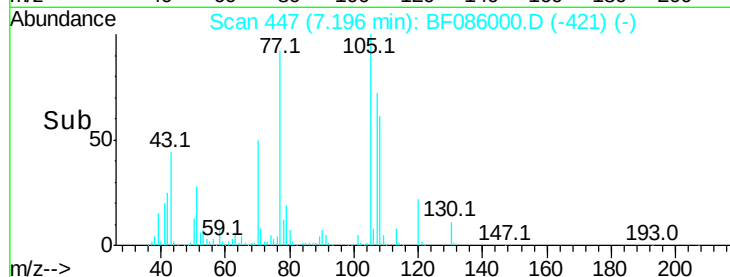
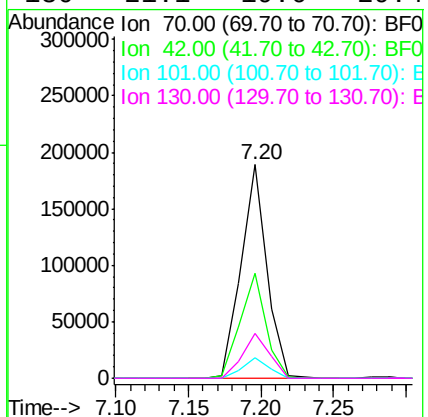
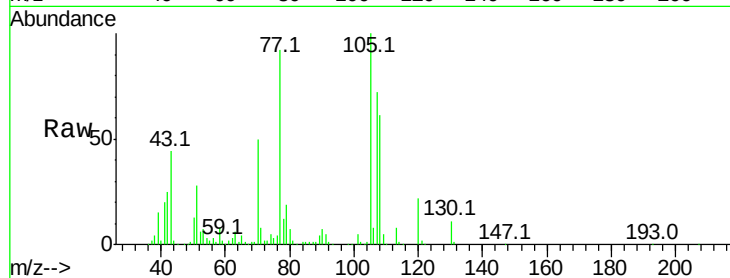
42 48.9 37.1 55.7

101 9.7 8.6 12.8

130 21.1 19.6 29.4

Manual Integrations
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#20

3+4-Methylphenols

Concen: 44.99 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:107 Resp: 371264

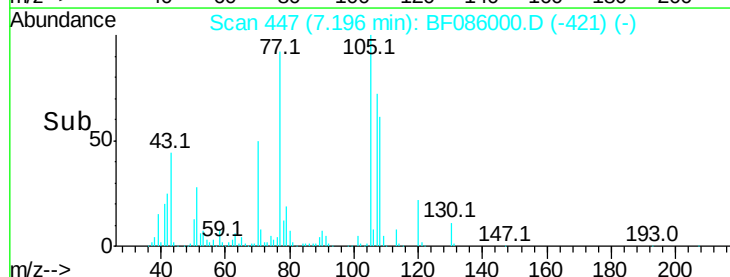
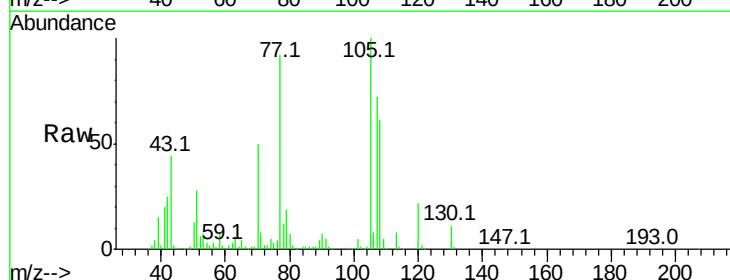
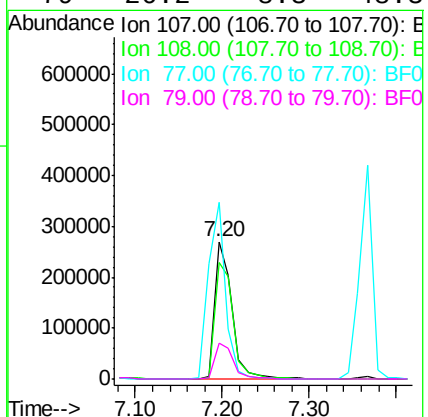
Ion Ratio Lower Upper

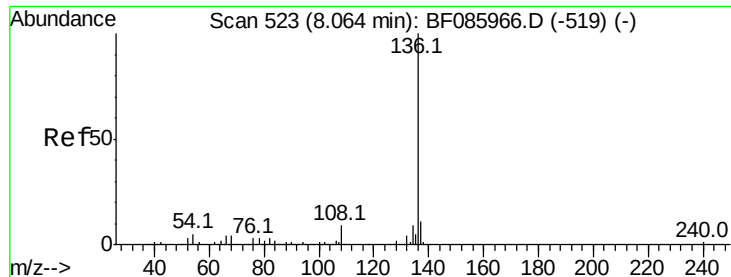
107 100

108 85.3 69.3 109.3

77 128.5 101.7 141.7

79 26.2 8.3 48.3





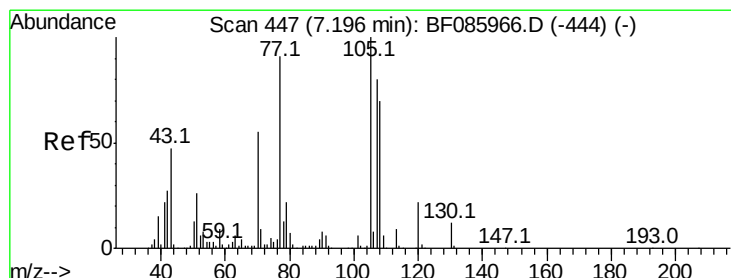
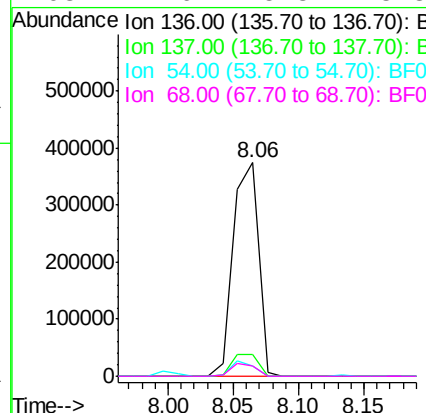
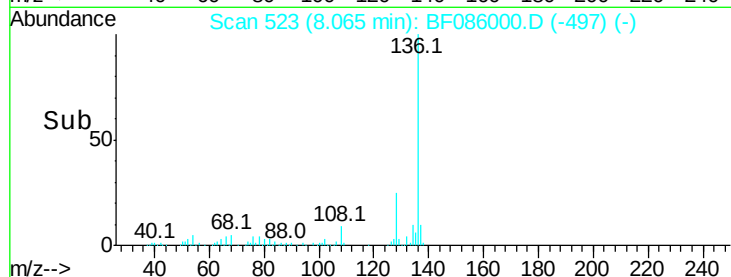
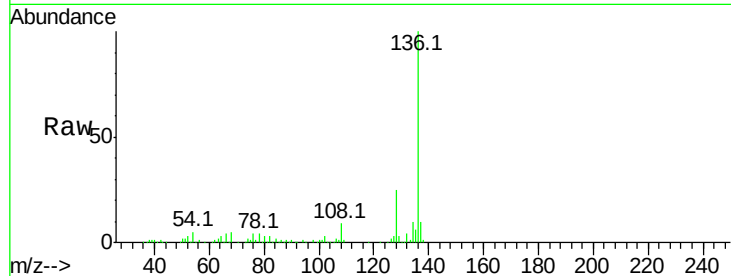
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.1	7.4	11.0#
68	4.6	5.8	8.8#

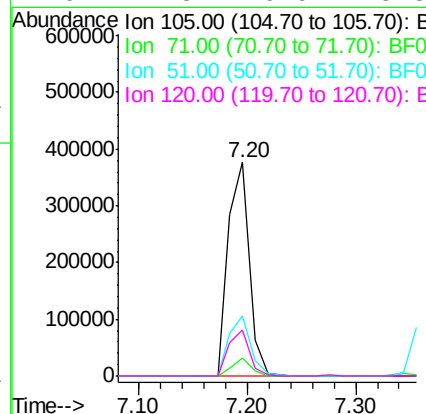
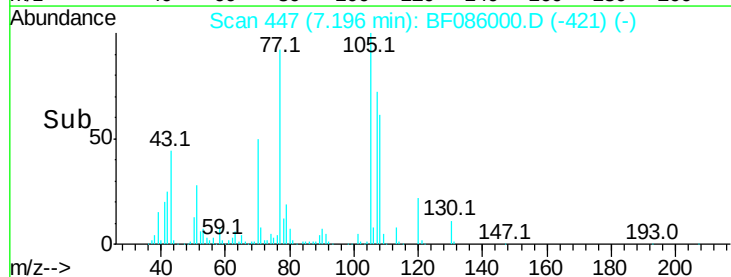
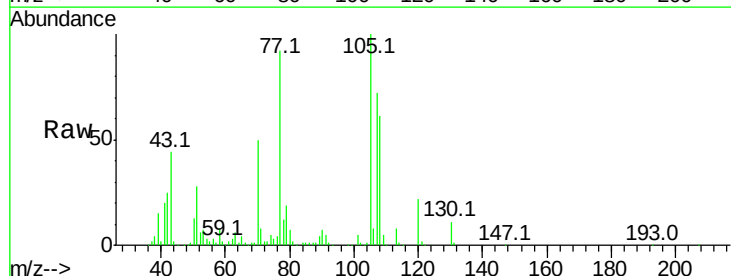
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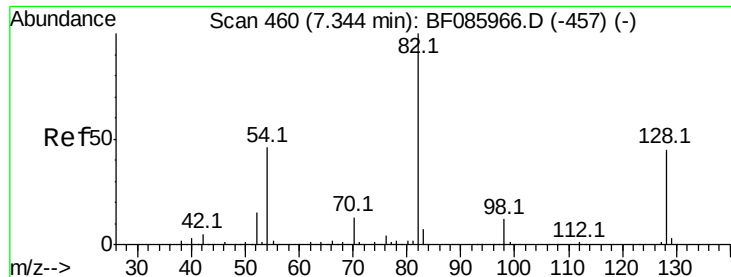
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#22
Acetophenone
Concen: 42.77 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.3	3.6	5.4#
51	28.0	25.4	38.0
120	21.8	16.9	25.3





#23

Nitrobenzene-d5

Concen: 85.79 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

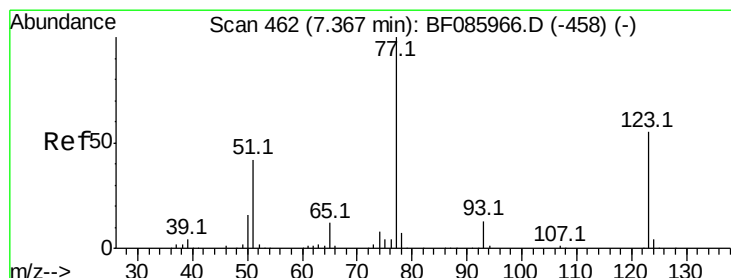
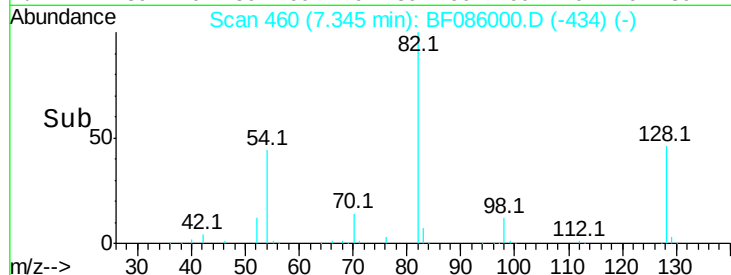
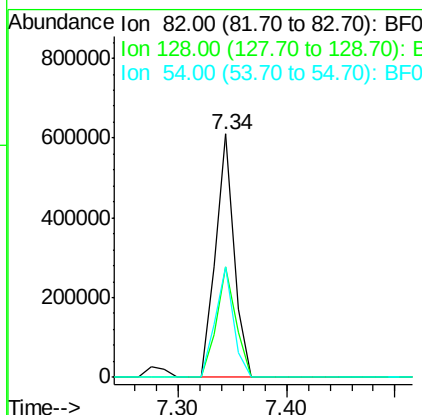
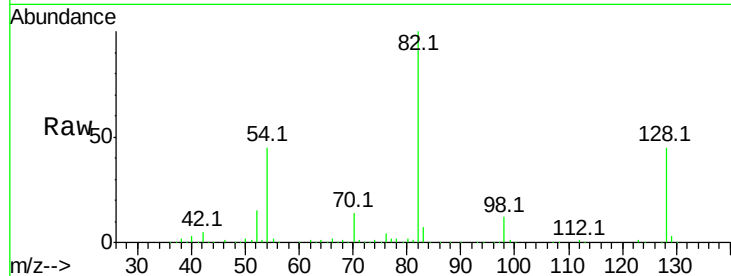
ClientSampleId :

BH-1(0-2)MS

Tot Ion:	82	Resp:	730170
Ion Ratio	Lower	Upper	
82	100		
128	45.5	41.8	62.8
54	45.4	33.4	50.0

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#24

Nitrobenzene

Concen: 45.75 ng

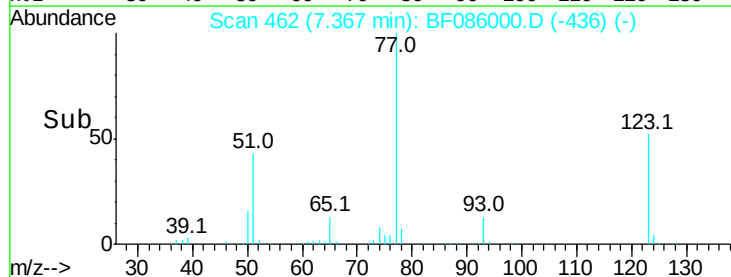
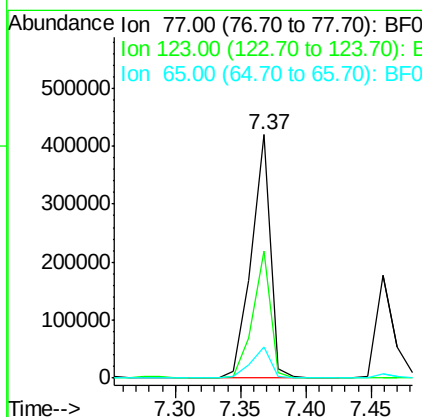
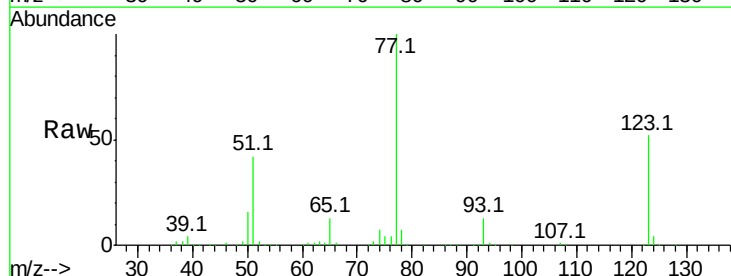
RT: 7.37 min Scan# 462

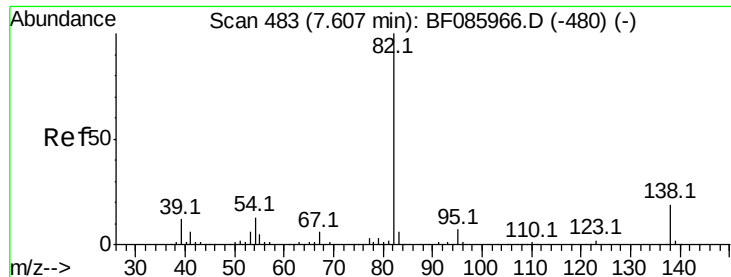
Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:	77	Resp:	426001
Ion Ratio	Lower	Upper	
77	100		
123	52.4	35.0	52.4
65	12.6	10.6	16.0





#25

Isophorone

Concen: 45.61 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

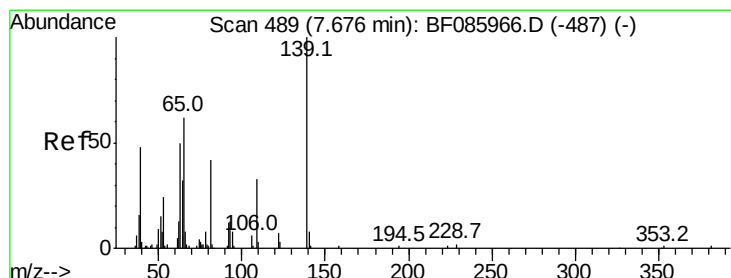
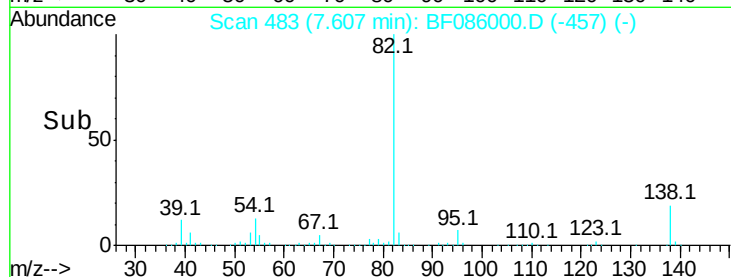
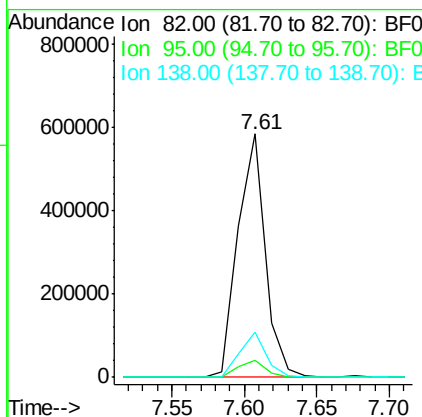
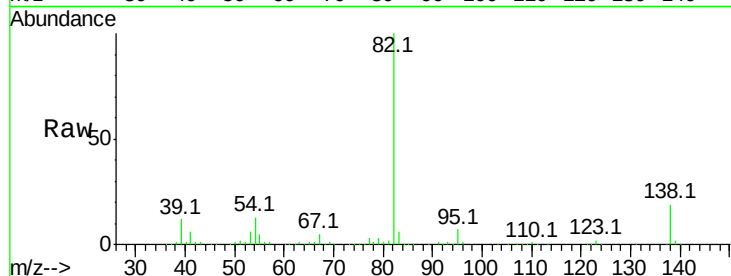
ClientSampleId :

BH-1(0-2)MS

Tot Ion:	82	Resp:	766329
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	18.8	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.93 ng

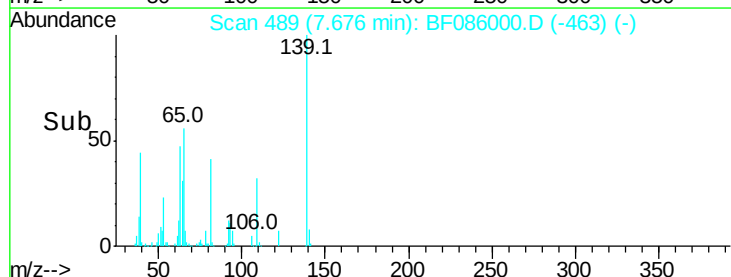
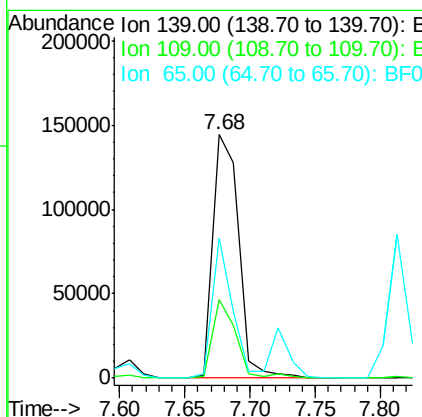
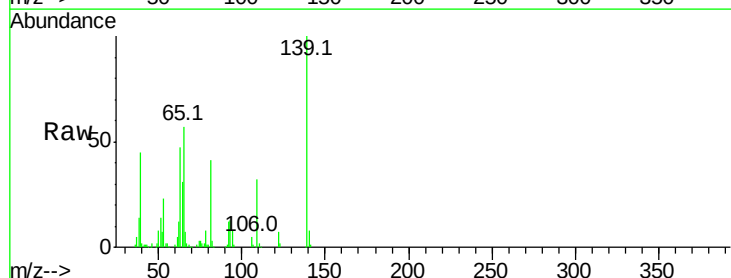
RT: 7.68 min Scan# 489

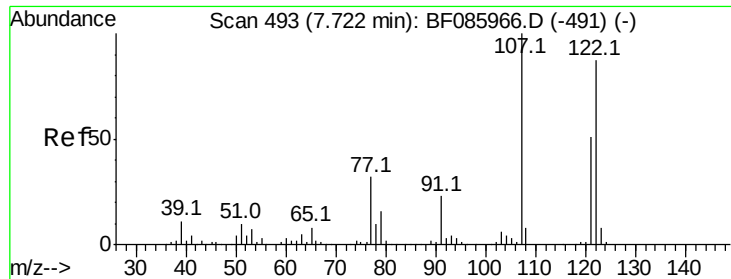
Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:	139	Resp:	200138
Ion Ratio	Lower	Upper	
139	100		
109	32.3	22.1	33.1
65	57.4	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 41.78 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

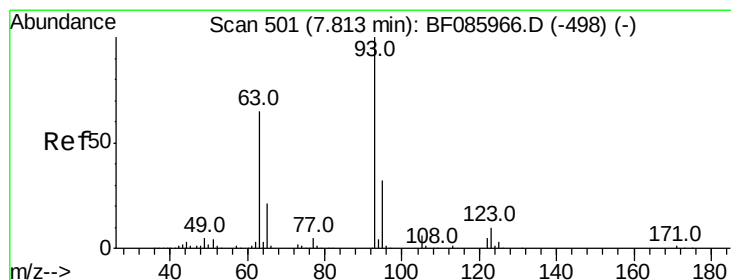
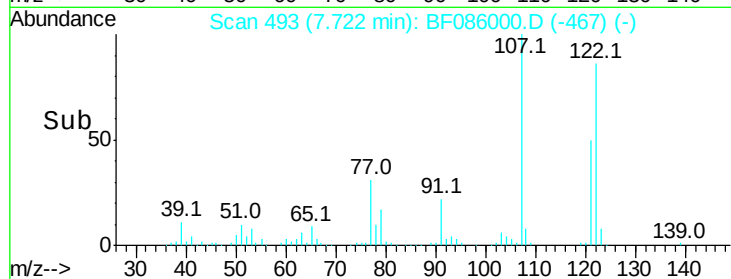
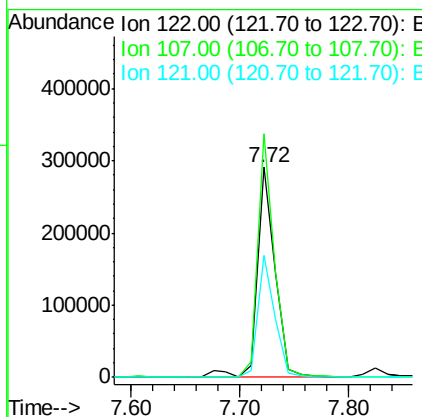
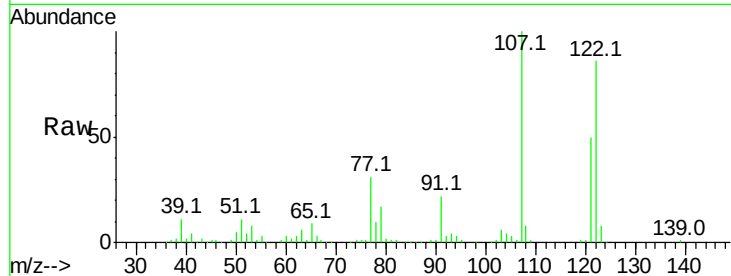
ClientSampleId :

BH-1(0-2)MS

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Tot Ion	122	Resp	334323
Ion Ratio	Lower	Upper	
122	100		
107	116.1	93.0	139.6
121	58.3	45.9	68.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.85 ng

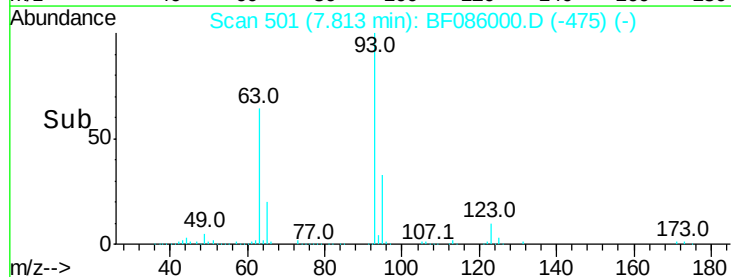
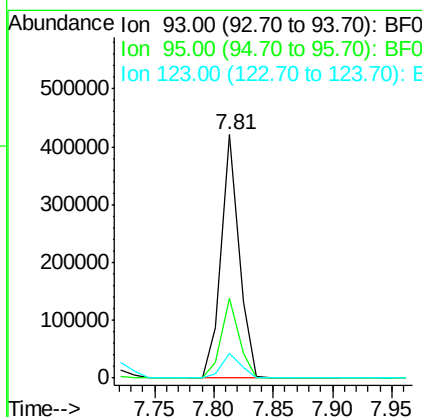
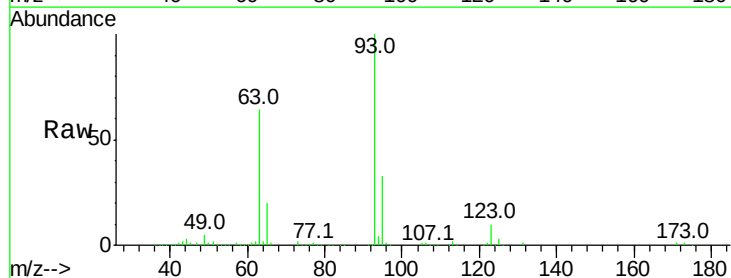
RT: 7.81 min Scan# 501

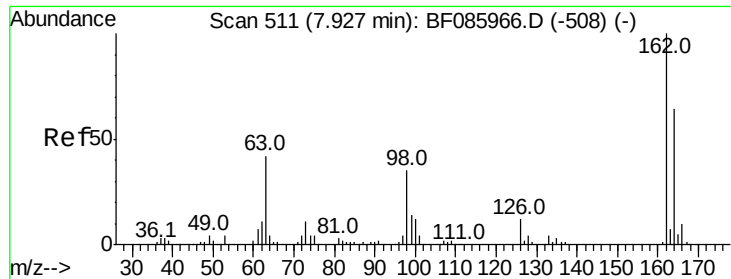
Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion	93	Resp	442079
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.4	39.6
123	10.2	9.8	14.6





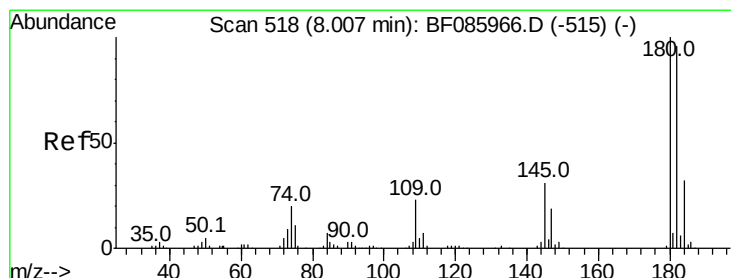
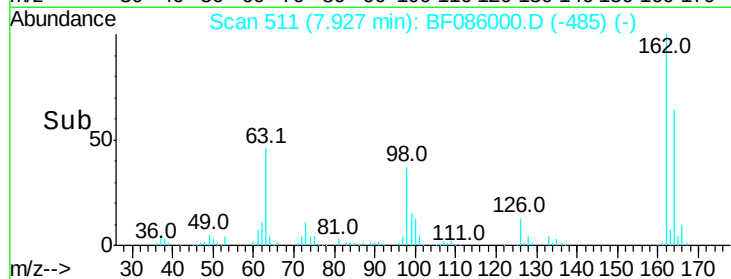
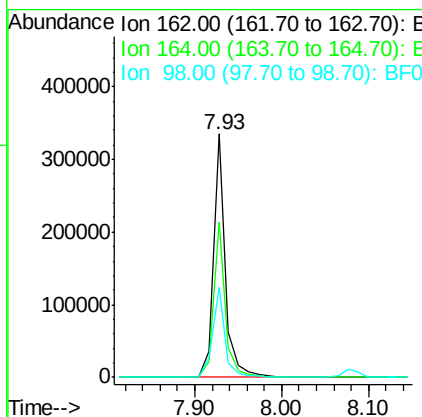
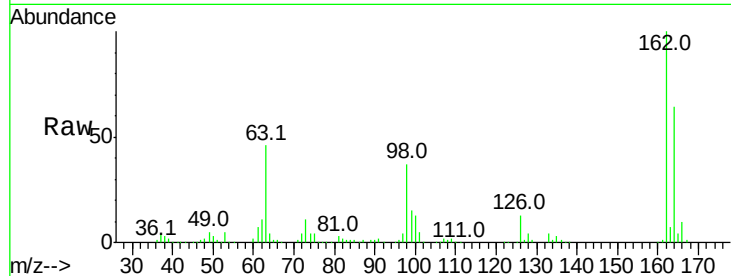
#29
 2,4-Dichlorophenol
 Concen: 47.00 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

Tot Ion:	162	Resp:	317913
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.7	83.7
98	36.7	20.4	60.4

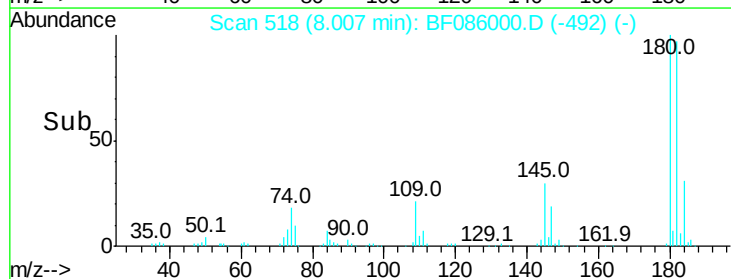
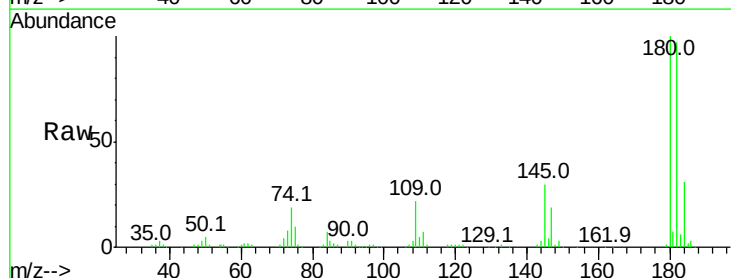
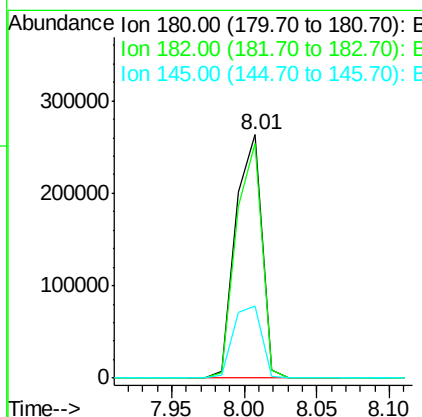
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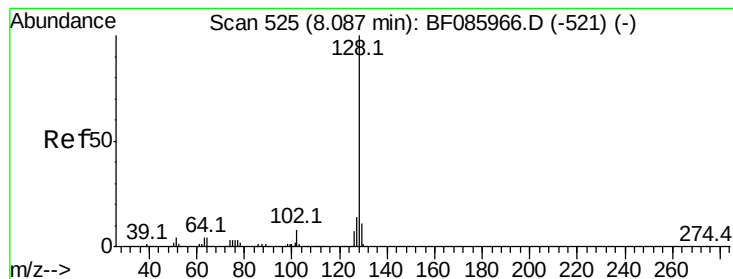
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.52 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:	180	Resp:	330456
Ion Ratio	Lower	Upper	
180	100		
182	96.5	73.8	110.8
145	29.7	28.4	42.6





#31

Naphthalene

Concen: 42.41 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tot Ion:128 Resp: 1070703

Ion Ratio Lower Upper

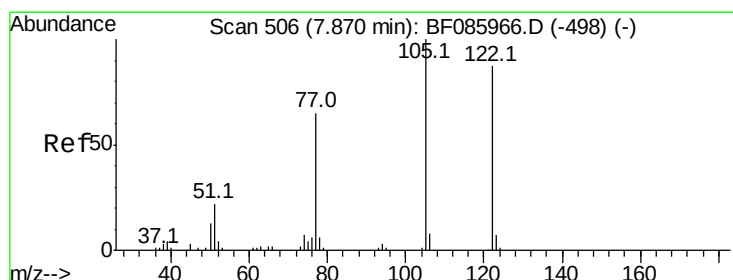
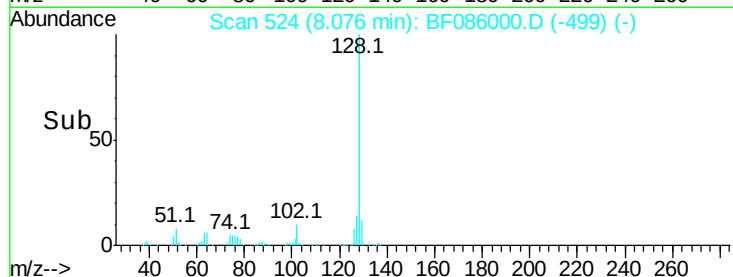
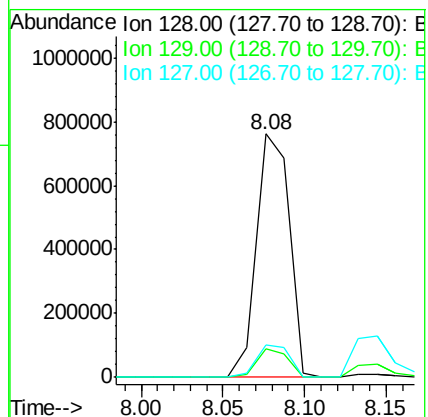
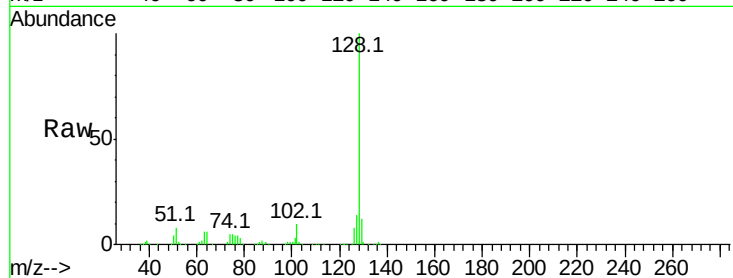
128 100

129 11.7 9.4 14.0

127 13.6 11.0 16.6

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#32

Benzoic acid

Concen: 3.72 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

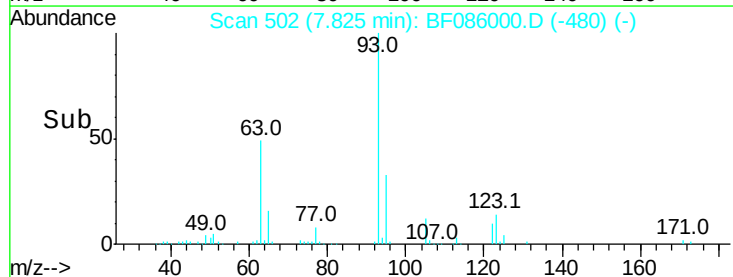
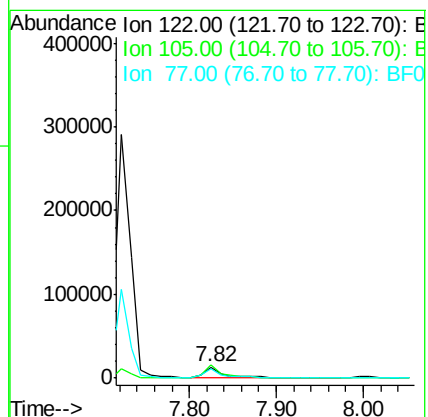
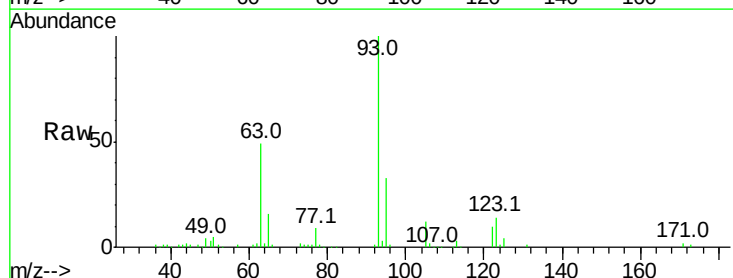
Tgt Ion:122 Resp: 21809

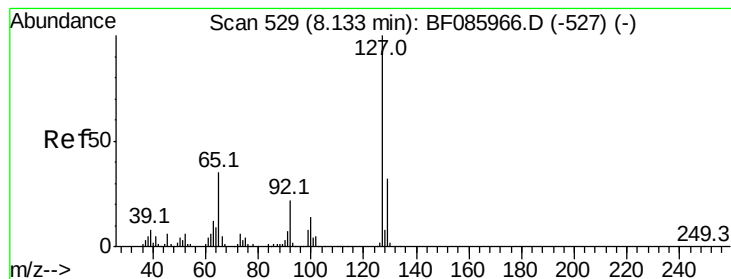
Ion Ratio Lower Upper

122 100

105 115.3 102.9 142.9

77 87.6 71.8 111.8





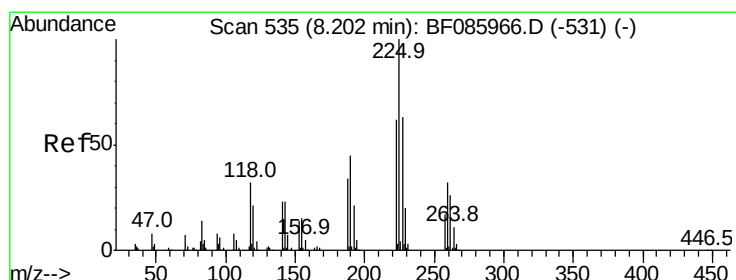
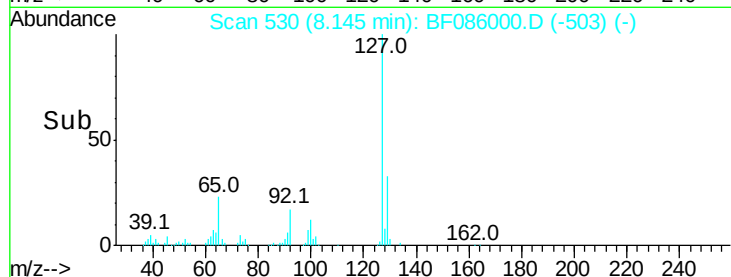
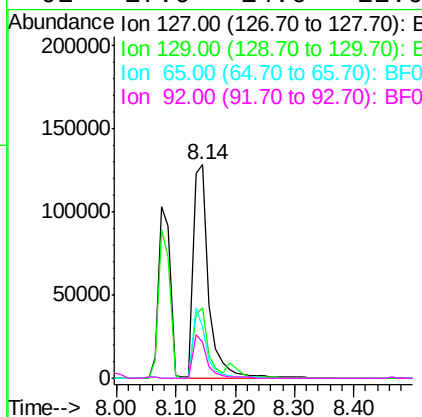
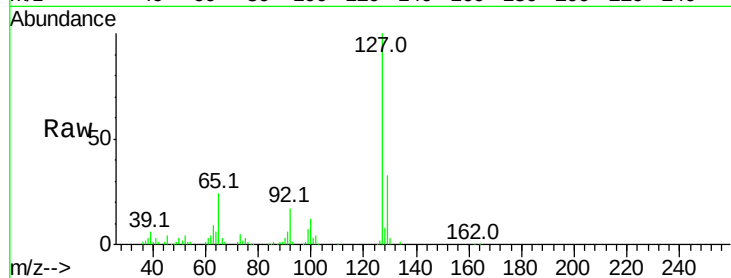
#33
4-Chloroaniline
Concen: 23.04 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.1	39.1		
65	24.1	19.5	29.3		
92	17.0	14.6	22.0		

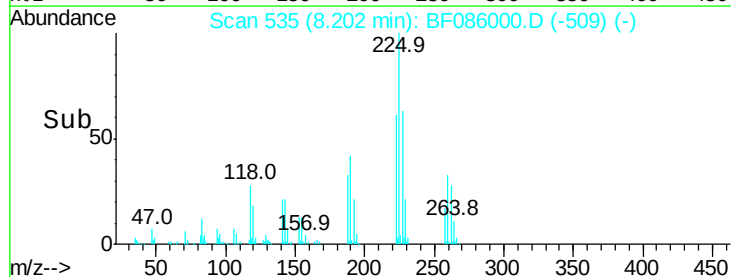
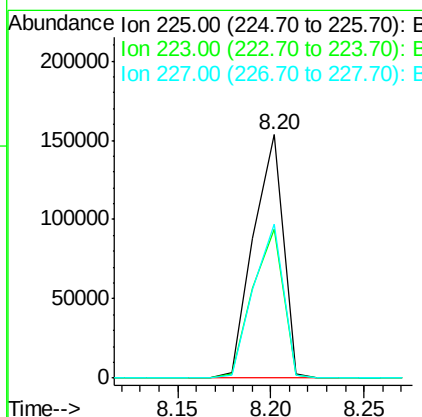
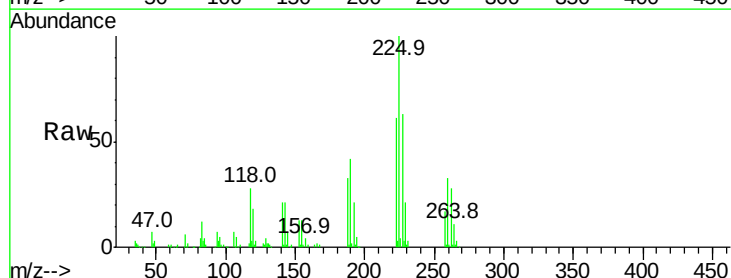
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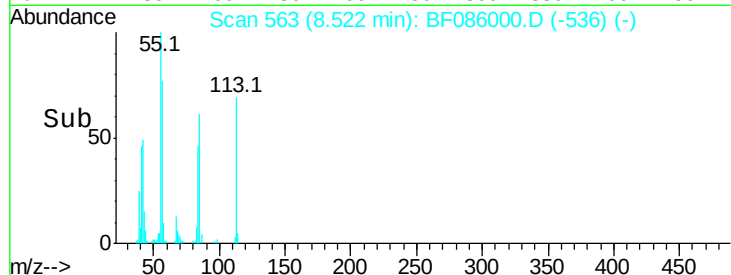
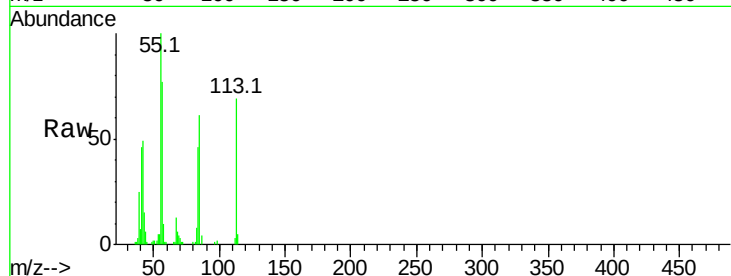
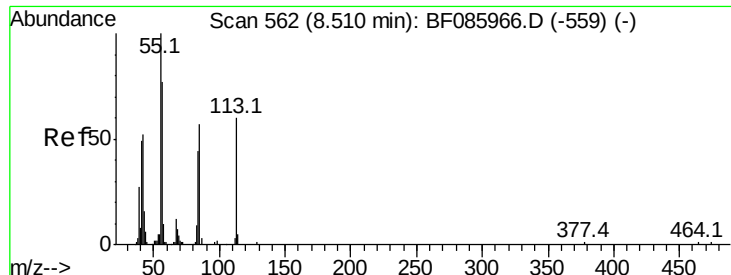
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#34
Hexachlorobutadiene
Concen: 41.76 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.4	75.6		
227	63.4	51.4	77.2		





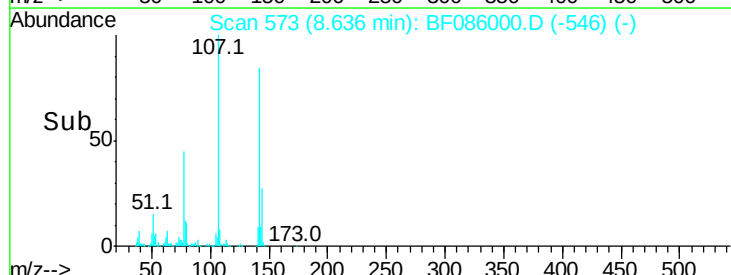
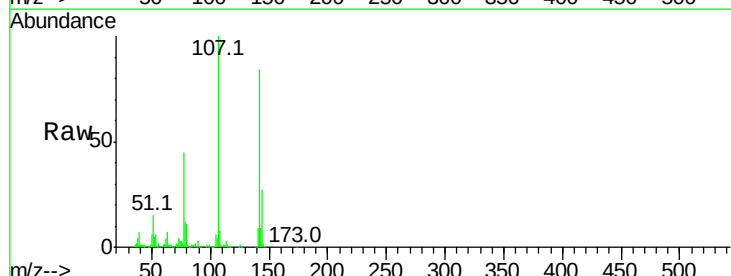
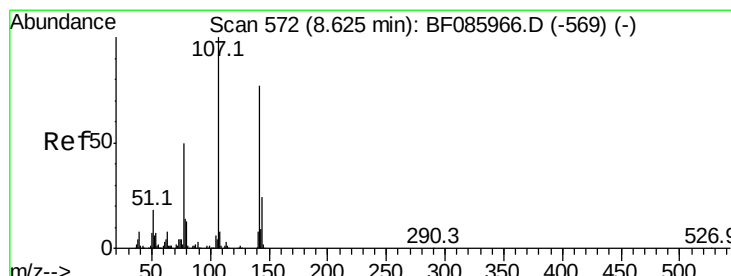
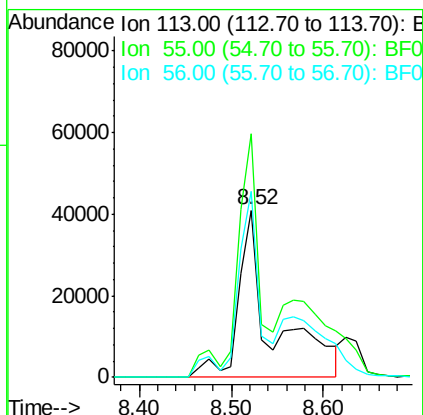
#35
Caprolactam
Concen: 49.25 ng/ml
RT: 8.52 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105683		
55	145.5	139.4	179.4	
56	111.4	100.4	140.4	

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

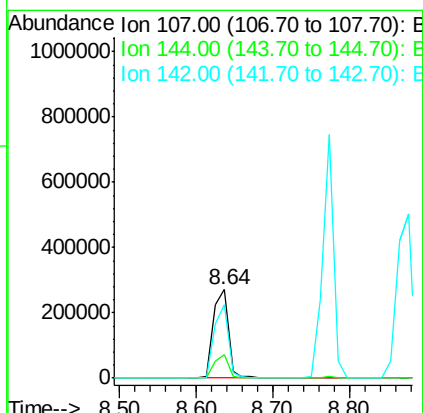
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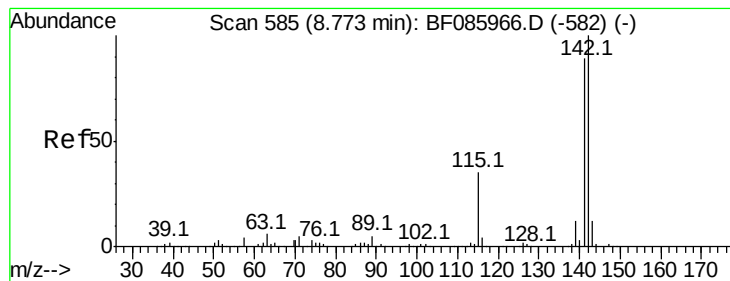
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#36
4-Chloro-3-methylphenol
Concen: 48.78 ng/ml
RT: 8.64 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	370905		
144	26.7	19.3	28.9	
142	84.0	61.4	92.0	





#37

2-Methylnaphthalene

Concen: 43.45 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

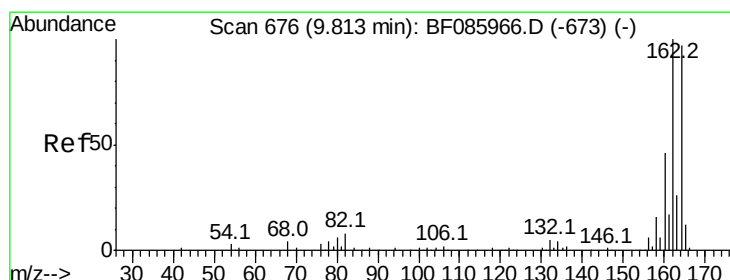
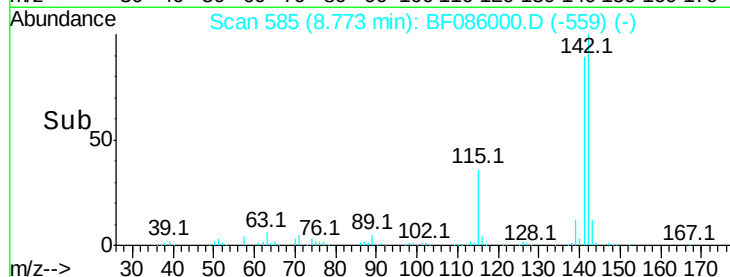
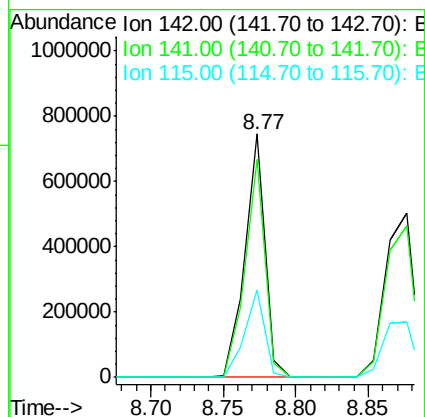
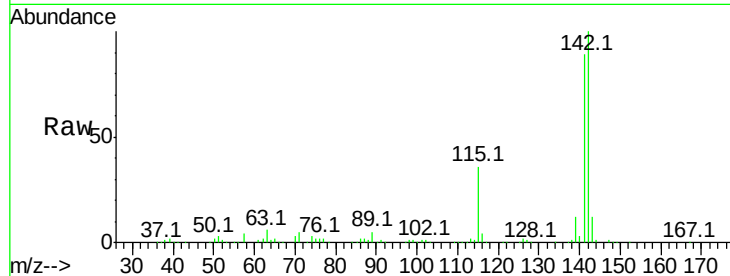
ClientSampleId :

BH-1(0-2)MS

Tot Ion:	142	Resp:	716579
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.6	107.4
115	35.9	26.8	40.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

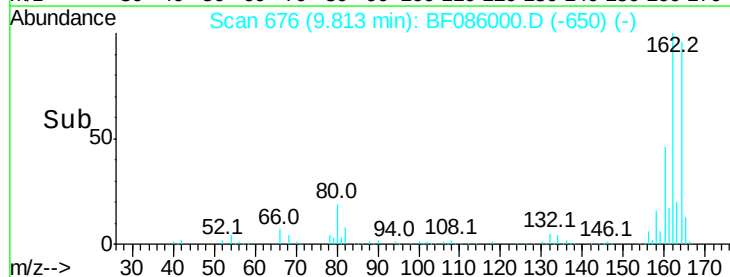
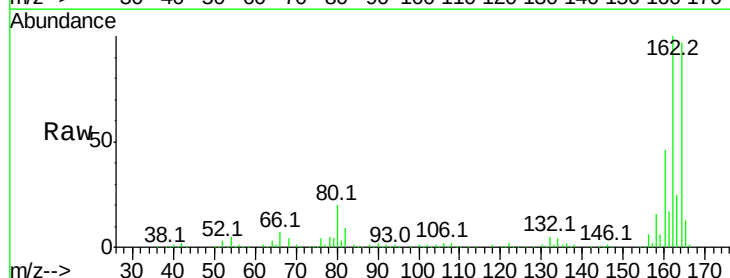
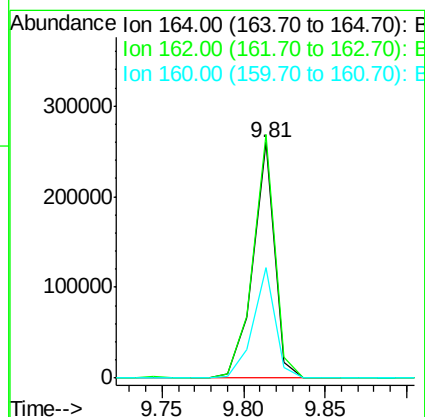
RT: 9.81 min Scan# 676

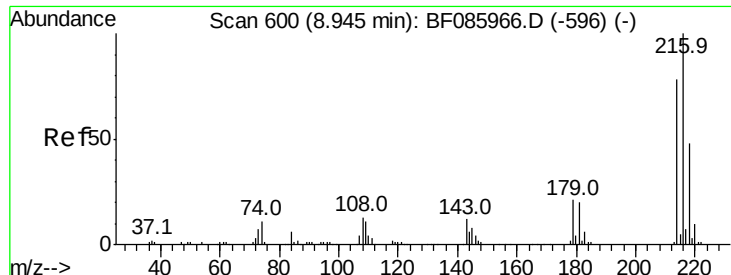
Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:	164	Resp:	239661
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.1	123.1
160	47.1	37.4	56.2





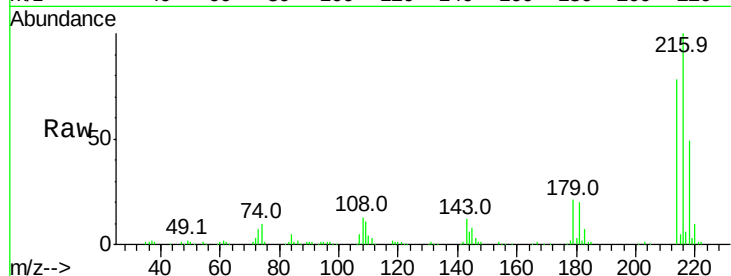
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.02 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

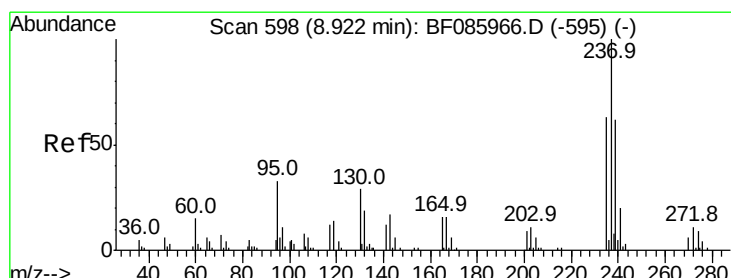
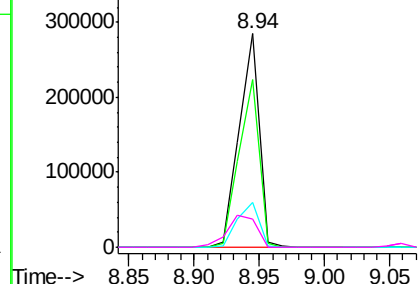
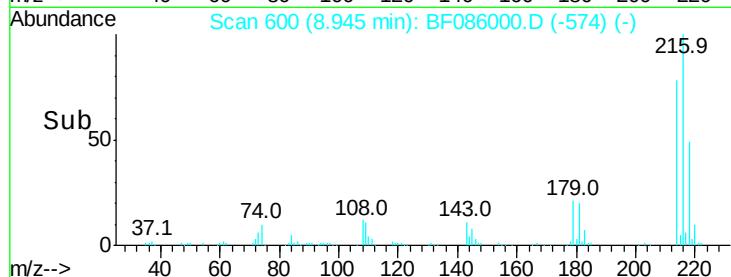
Tot Ion	Ratio	Resp	Lower	Upper
216	100	302641		
214	79.5	63.1	94.7	
179	22.8	18.2	27.2	
108	22.0	17.3	25.9	

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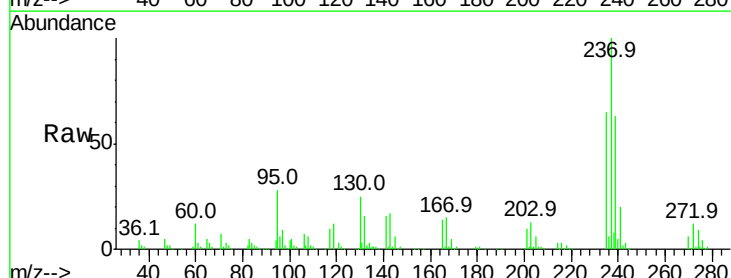


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

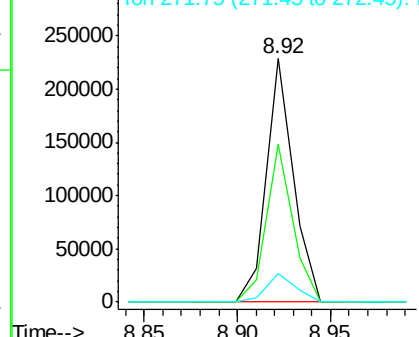
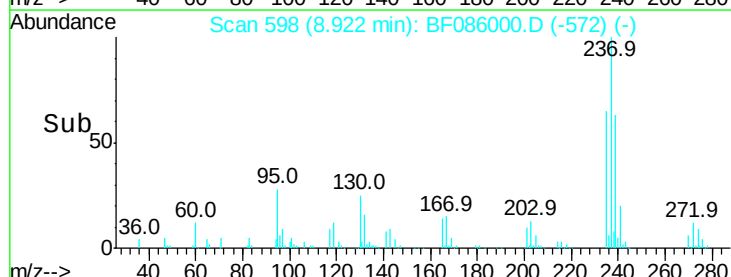


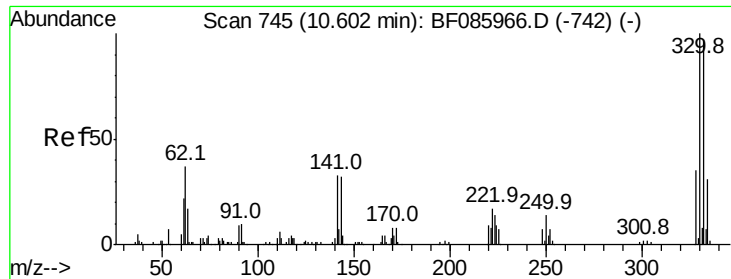
#40
 Hexachlorocyclopentadiene
 Concen: 85.10 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	227771		
235	64.8	43.7	83.7	
272	11.8	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





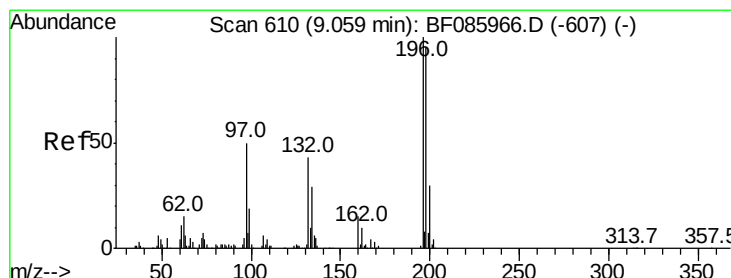
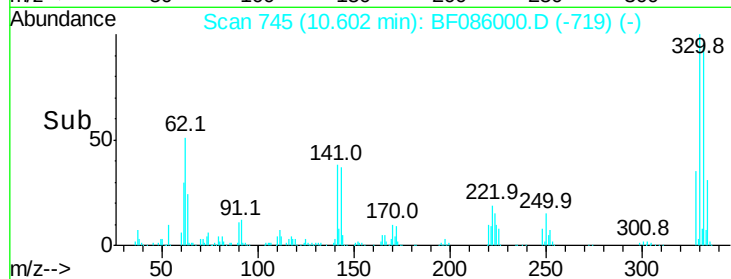
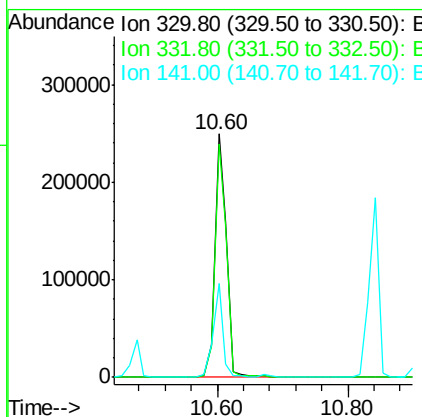
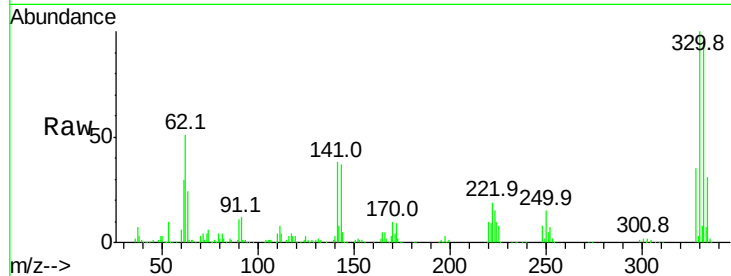
#41
 2,4,6-Tribromophenol
 Concen: 140.71 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	316519		
332	96.4	78.2	117.2	
141	32.6	31.5	47.3	

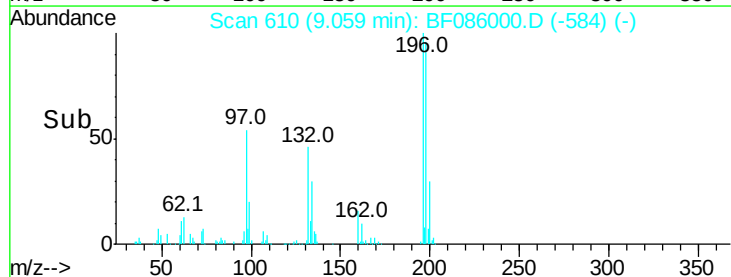
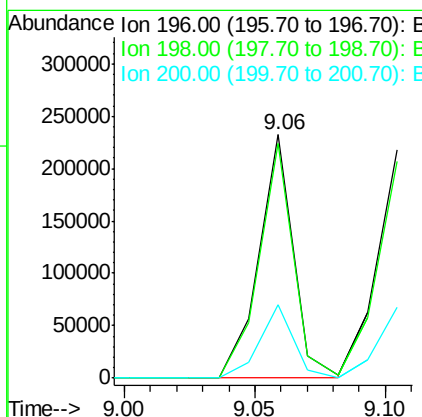
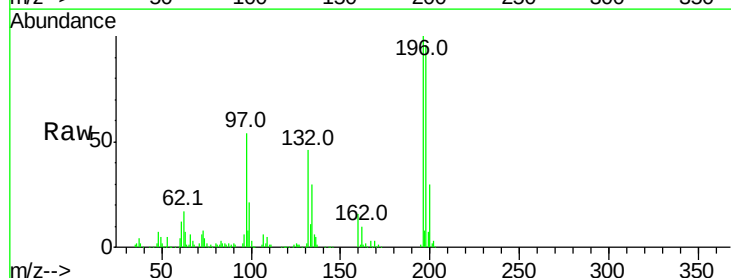
Manual Integrations
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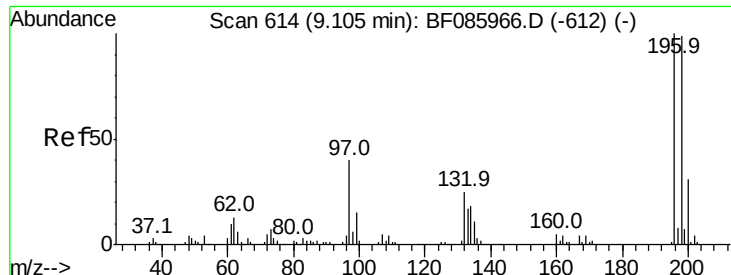
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#42
 2,4,6-Trichlorophenol
 Concen: 46.40 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214609		
198	96.4	75.3	112.9	
200	30.3	23.7	35.5	





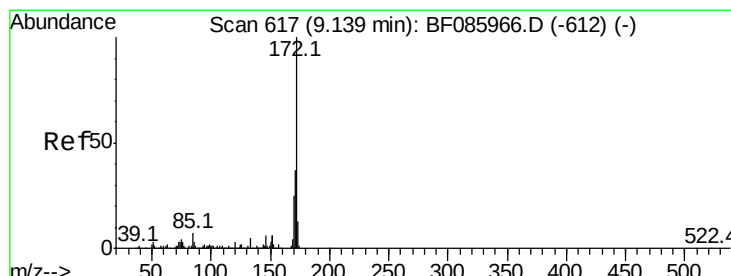
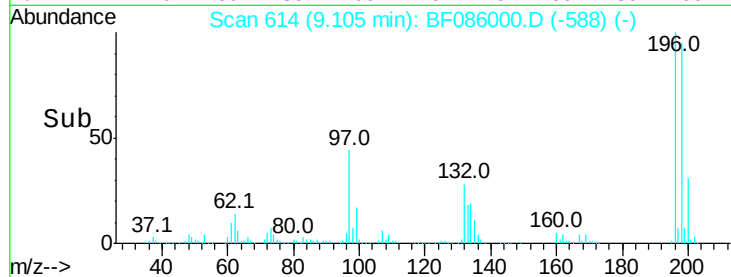
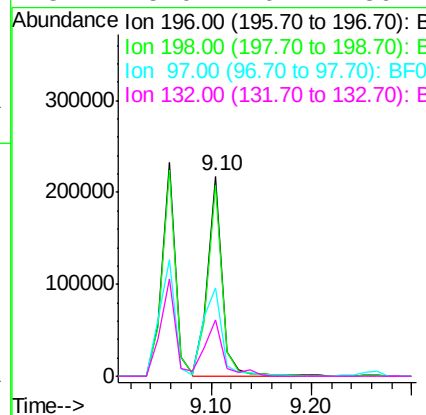
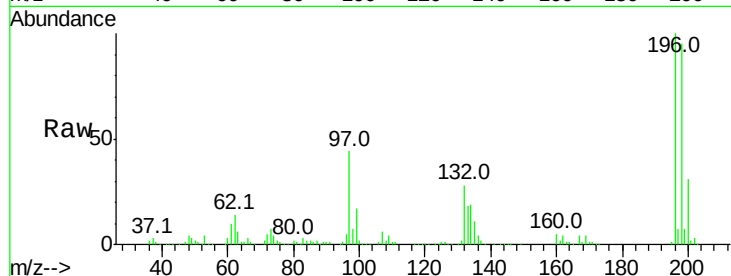
#43
 2,4,5-Trichlorophenol
 Concen: 46.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219750		
198	95.4	76.6	114.8	
97	44.2	30.5	45.7	
132	28.0	20.2	30.2	

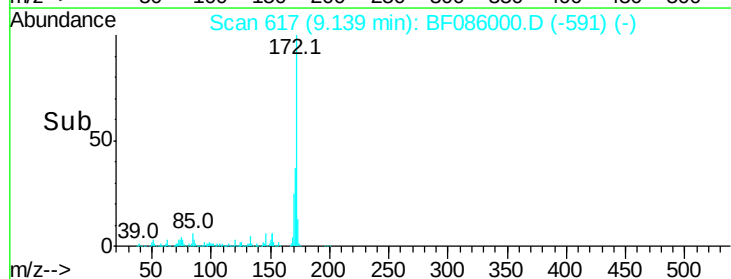
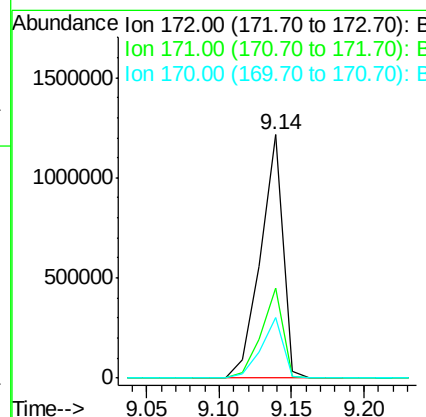
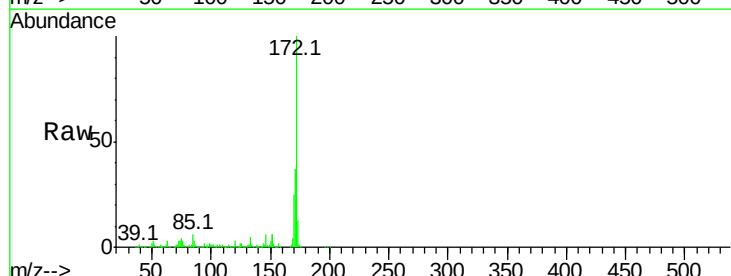
Manual Integrations
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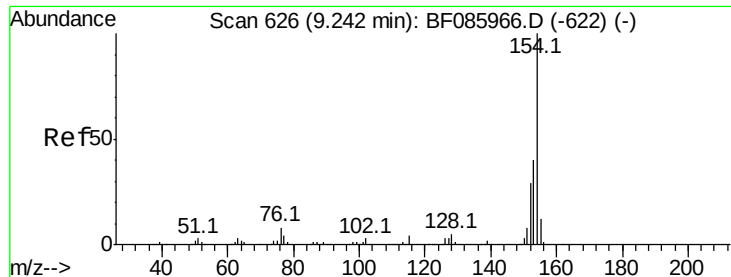
Sohil
 4/4/2016 7:44:44 PM



#44
 2-Fluorobiphenyl
 Concen: 90.13 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1299121		
171	37.0	29.4	44.2	
170	24.8	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 42.27 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

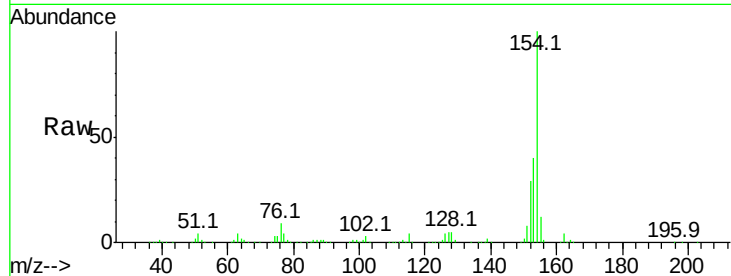
ClientSampleId :

BH-1(0-2)MS

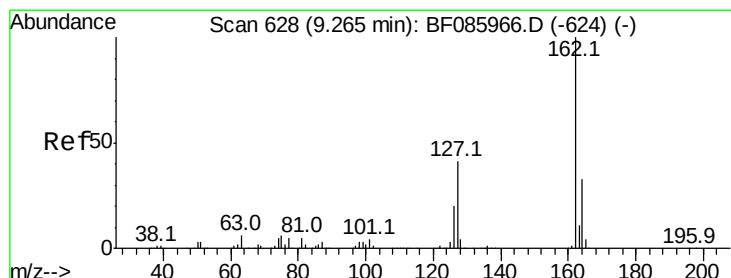
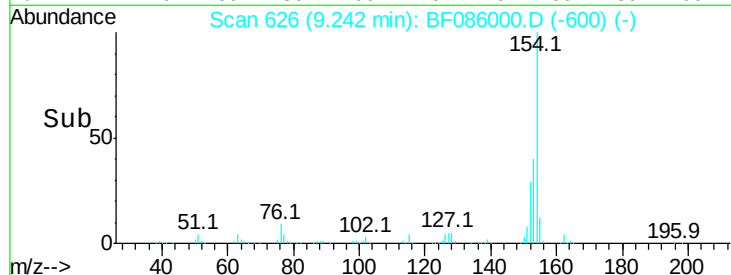
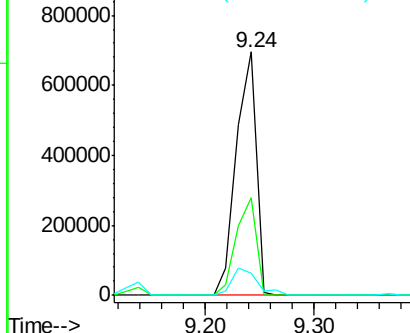
Tot Ion:	154	Resp:	873580
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.8	60.8
76	9.3	0.0	36.7

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Sohil
4/4/2016 7:44:44 PM



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



#46

2-Chloronaphthalene

Concen: 44.85 ng

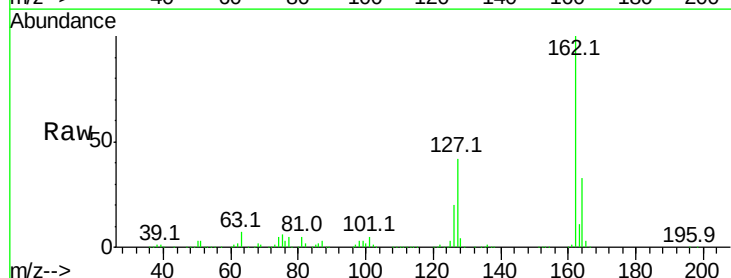
RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

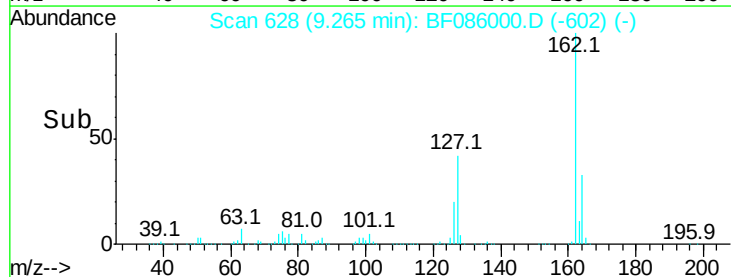
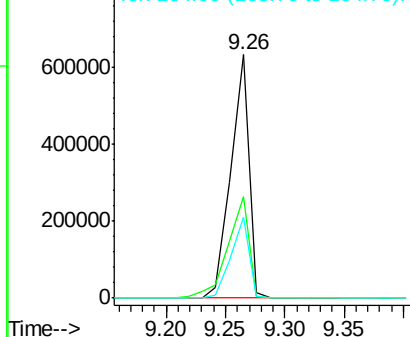
Lab File: BF086000.D

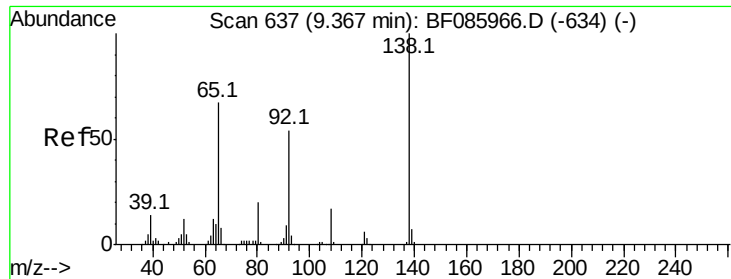
Acq: 2 Apr 2016 9:46

Tgt Ion:	162	Resp:	671790
Ion Ratio	Lower	Upper	
162	100		
127	41.7	31.7	47.5
164	33.5	27.3	40.9



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





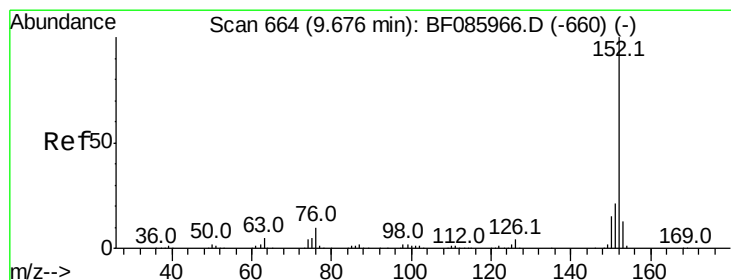
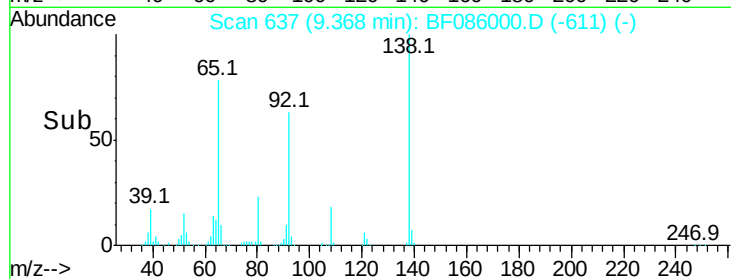
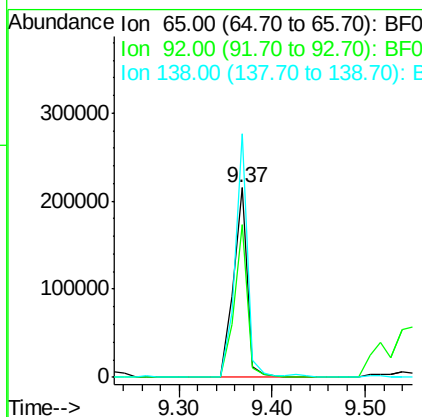
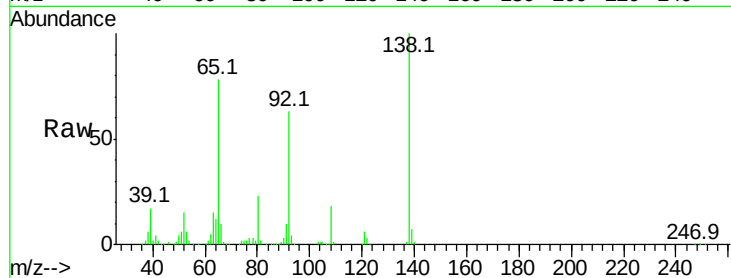
#47
2-Nitroaniline
Concen: 51.35 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	80.4	59.7	89.5
138	128.3	91.4	137.0

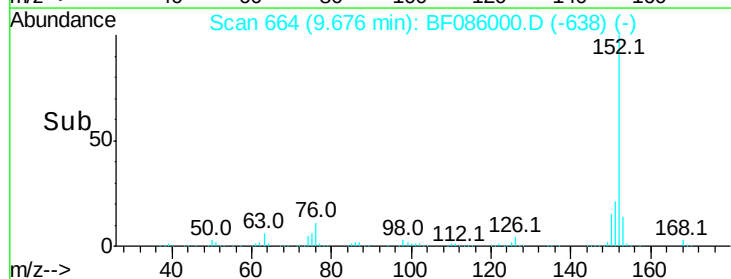
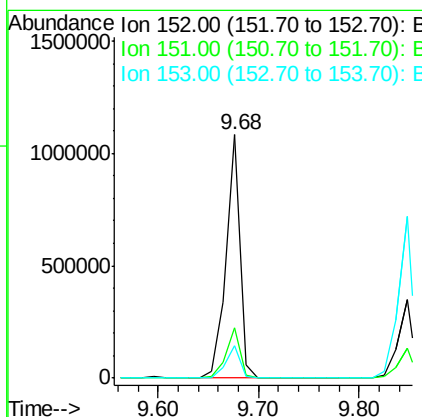
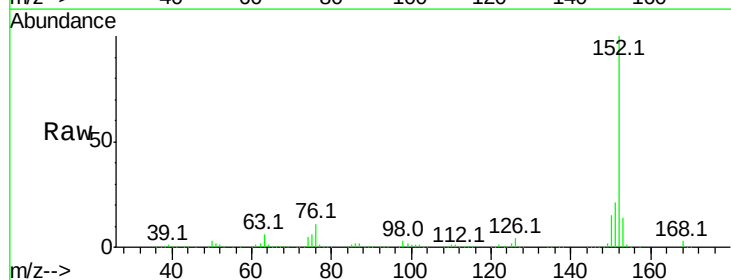
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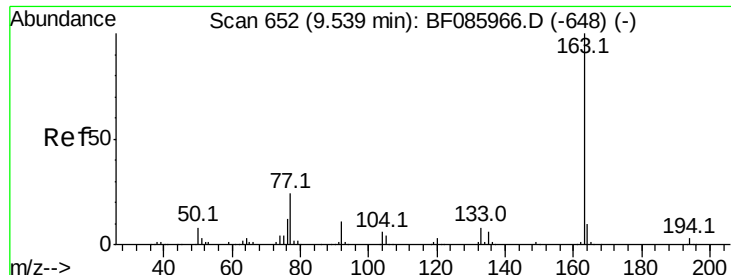
Sohil
4/4/2016 7:44:44 PM



#48
Acenaphthylene
Concen: 43.30 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.5	10.9	16.3





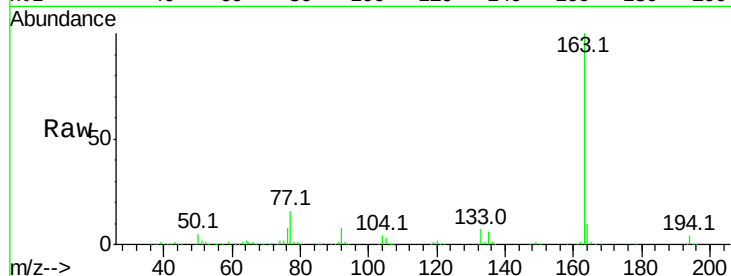
#49
Dimethylphthalate
Concen: 56.07 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.0	8.3	12.5

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4/4/2016 7:44:44 PM

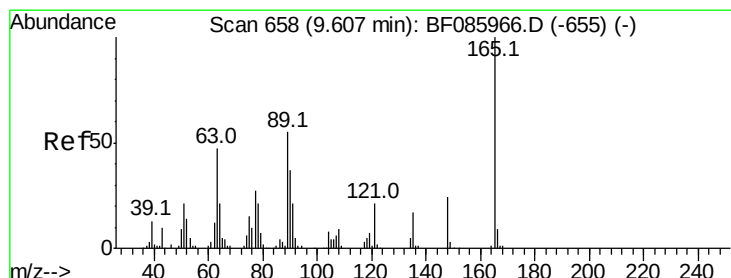
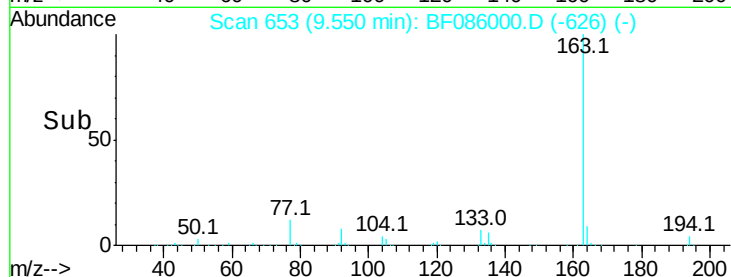
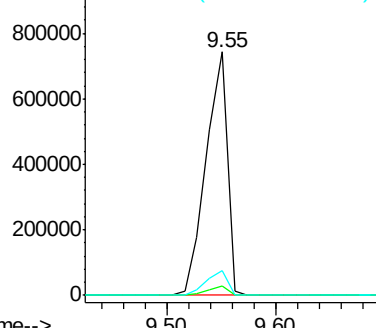


Abundance

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: 43.51 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

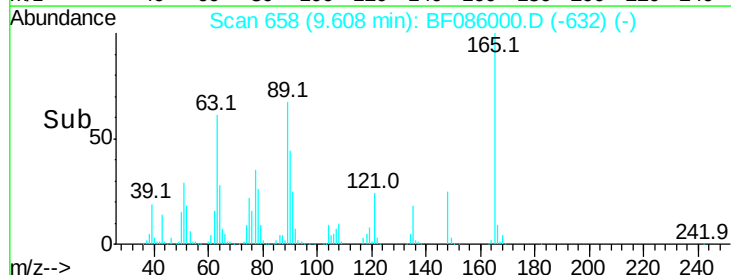
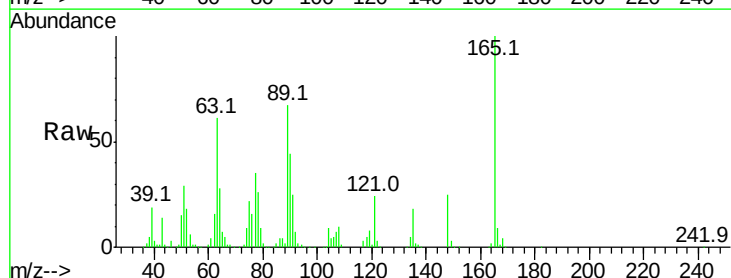
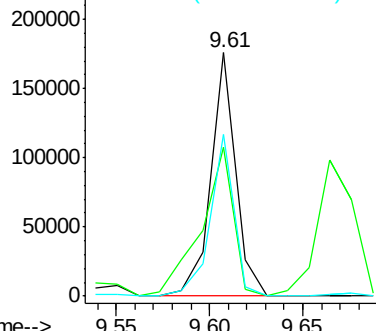
Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	61.2	51.8	77.8
89	66.6	53.7	80.5

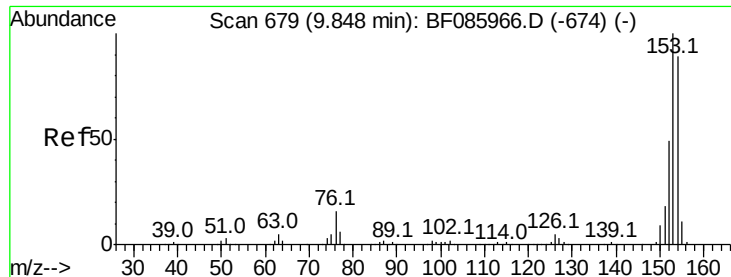
Abundance

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





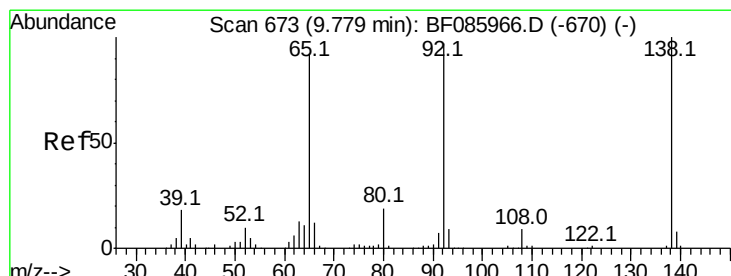
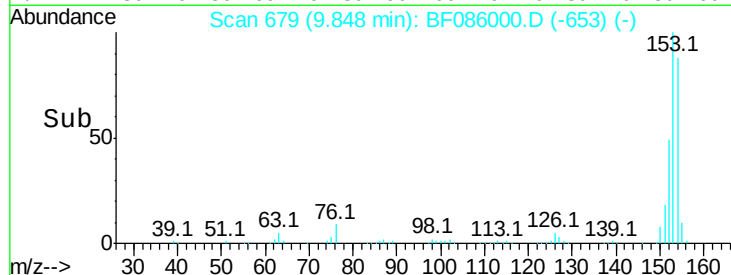
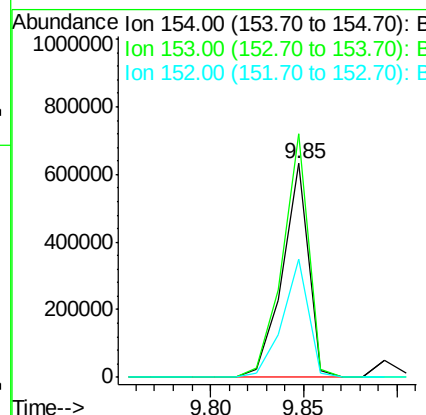
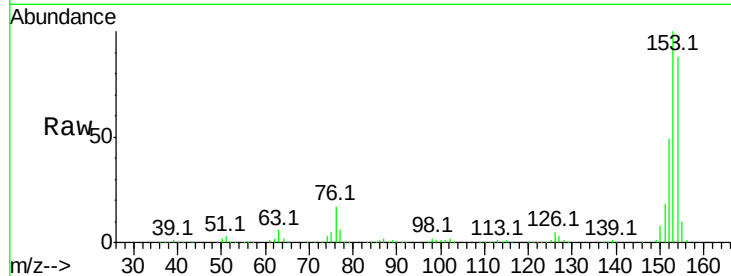
#51
Acenaphthene
Concen: 43.60 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.1	135.1
152	55.5	44.2	66.2

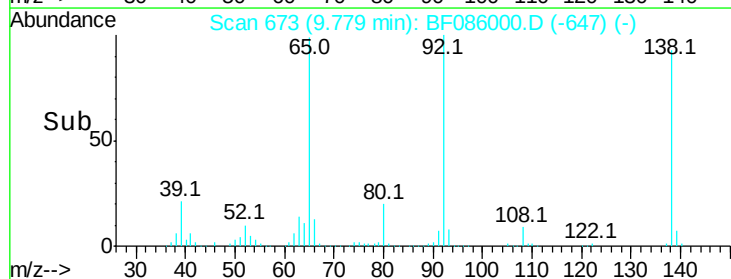
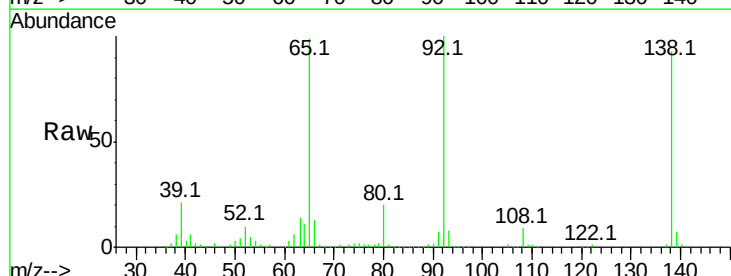
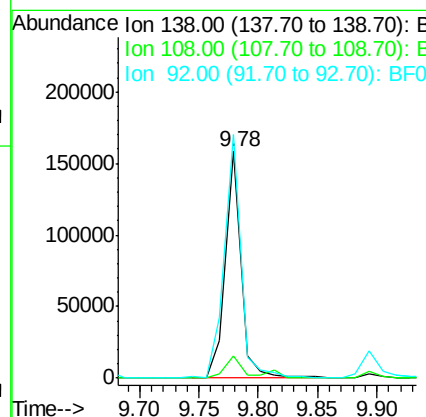
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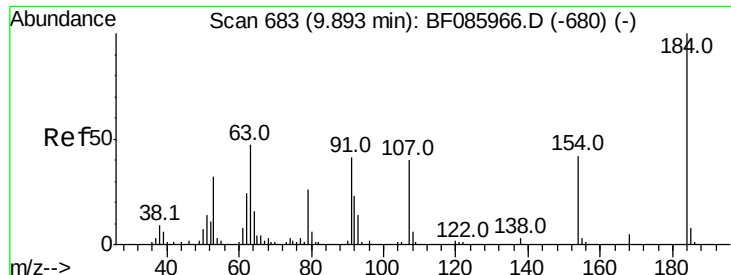
Sohil
4/4/2016 7:44:44 PM



#52
3-Nitroaniline
Concen: 32.17 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	107.4	93.3	139.9





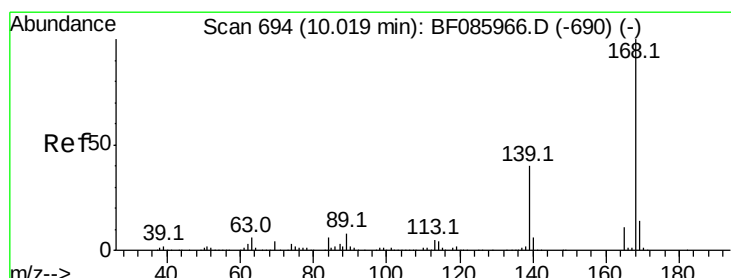
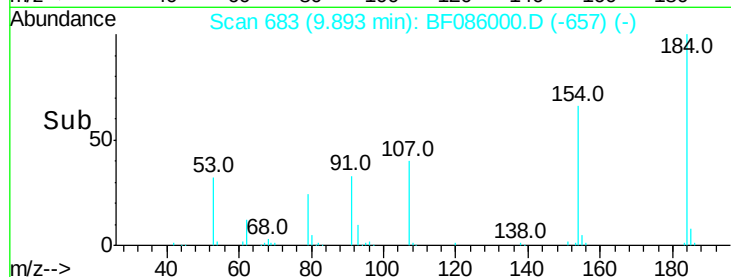
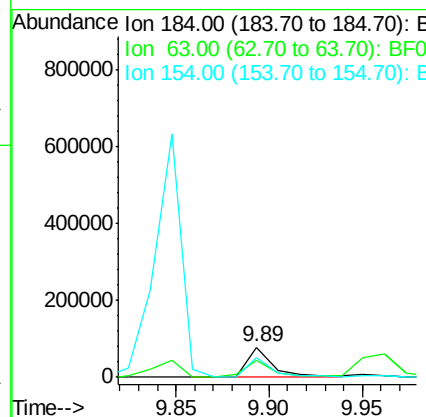
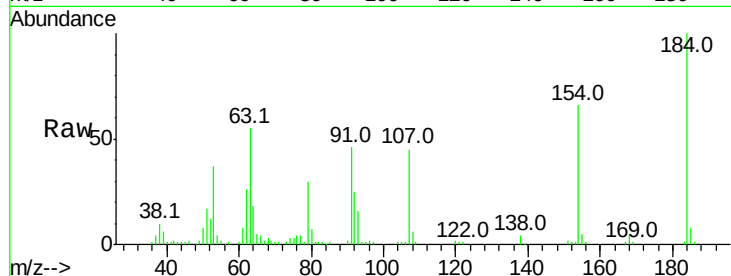
#53
 2,4-Dinitrophenol
 Concen: 41.32 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	54.7	69.5	104.3#	
154	65.7	58.3	87.5	

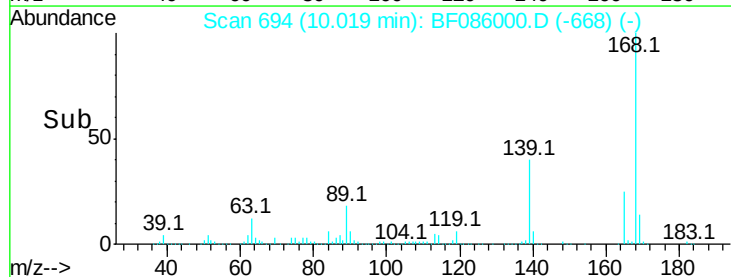
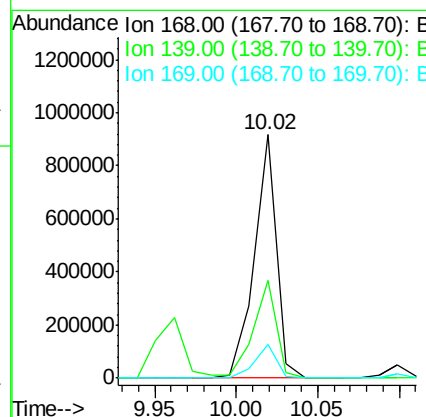
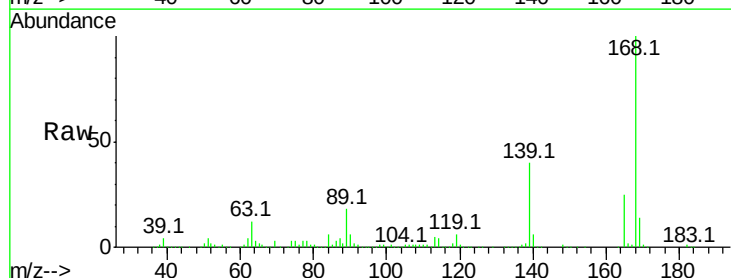
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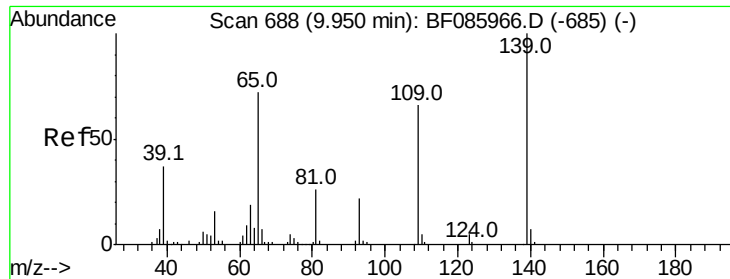
Sohil
 4/4/2016 7:44:44 PM



#54
 Dibenzofuran
 Concen: 45.76 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	31.9	47.9	
169	13.7	11.0	16.6	





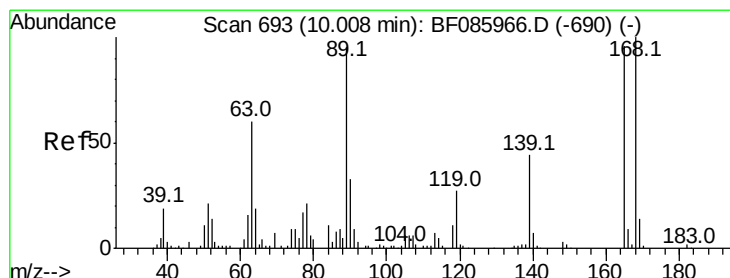
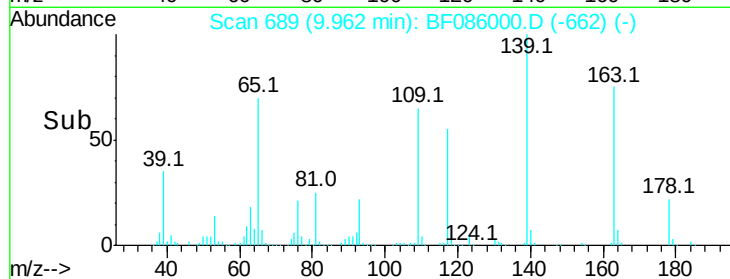
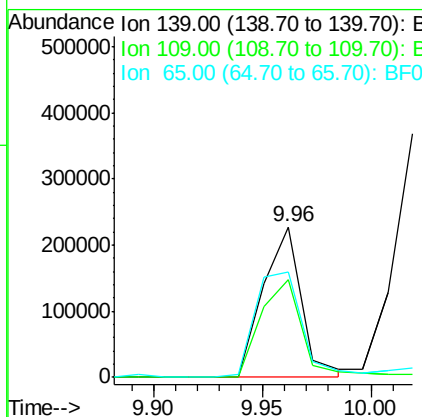
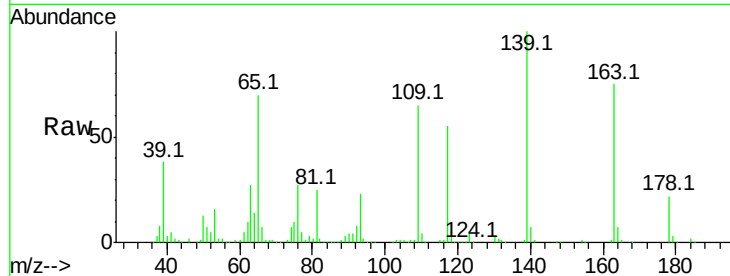
#55
4-Nitrophenol
Concen: 105.03 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100	280464		
109	64.7	49.2	89.2	
65	70.4	66.9	106.9	

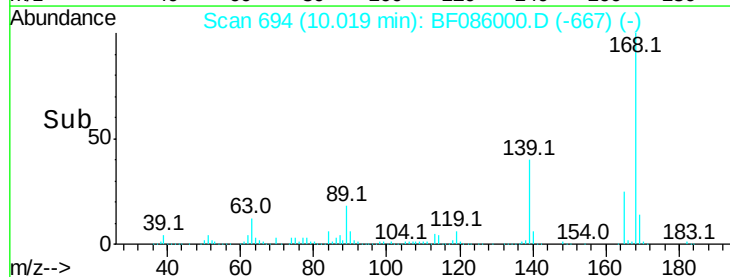
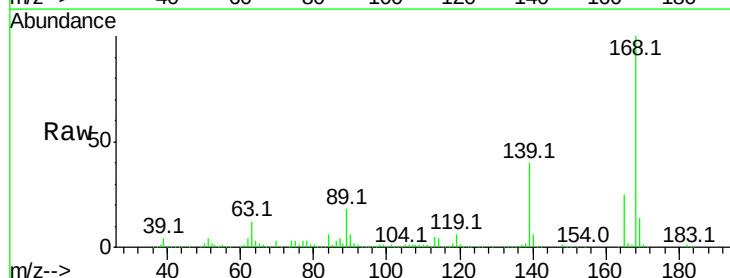
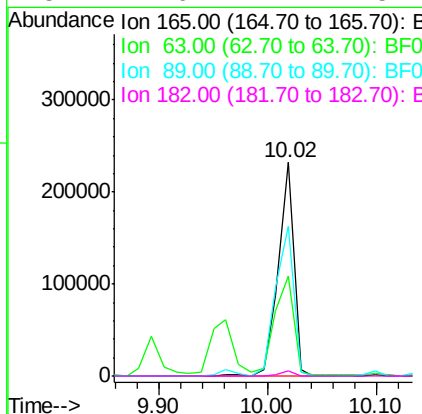
Manual Integrations
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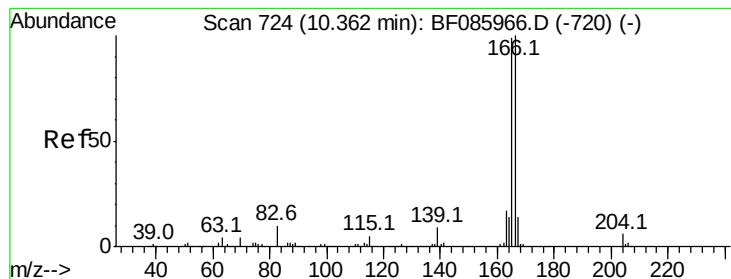
Sohil
4/4/2016 7:44:44 PM



#56
2,4-Dinitrotoluene
Concen: 48.68 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	231161		
63	46.8	24.9	37.3#	
89	70.4	41.0	61.6#	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 44.25 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

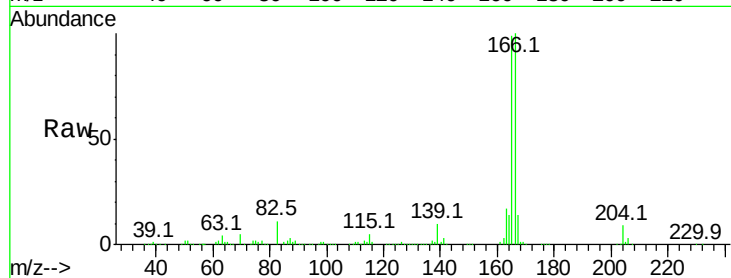
ClientSampleId :

BH-1(0-2)MS

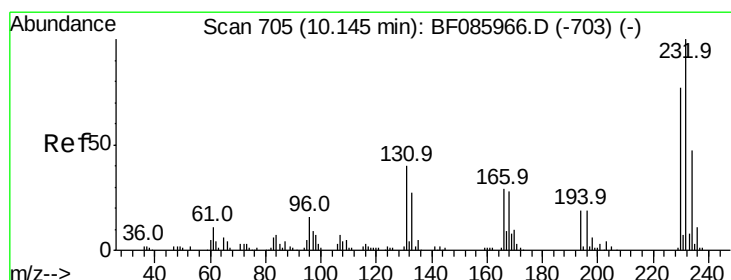
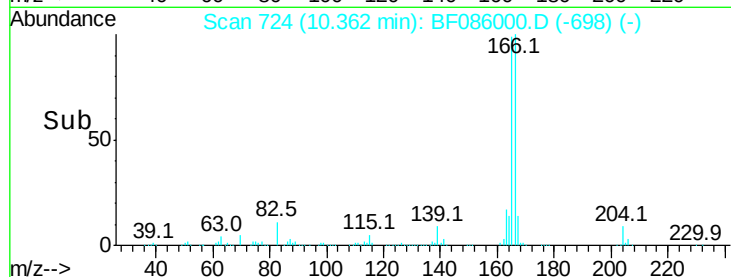
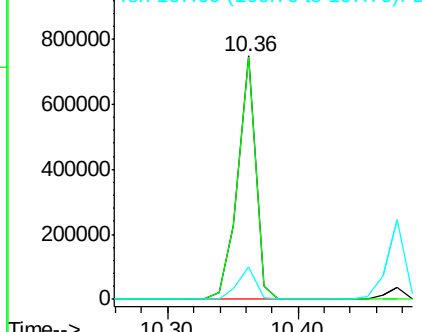
Tot Ion:	166	Resp:	712403
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.4	119.0
167	13.6	11.0	16.4

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4/4/2016 7:44:44 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.27 ng

RT: 10.14 min Scan# 705

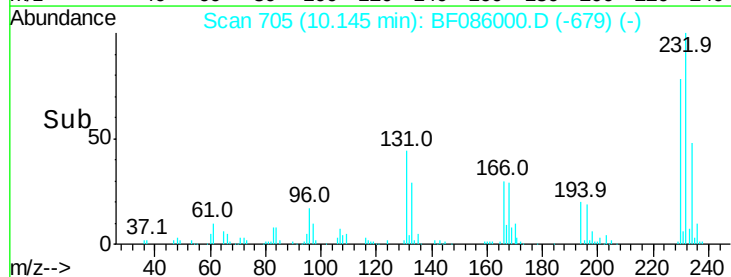
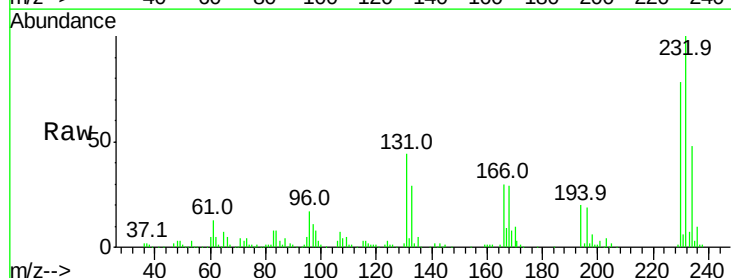
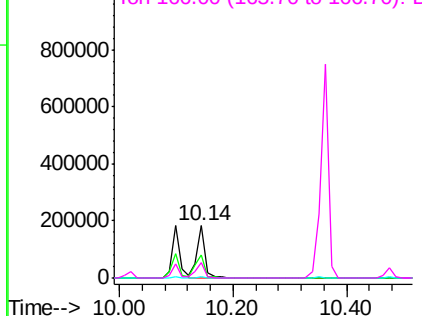
Delta R.T. 0.00 min

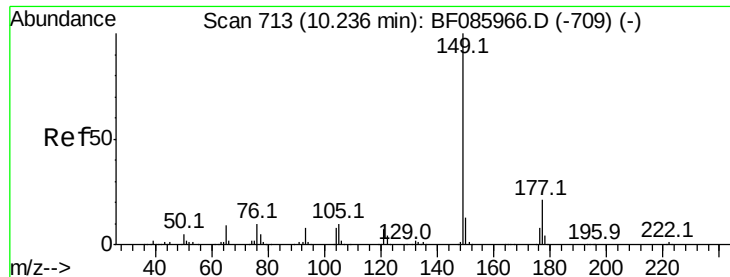
Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:	232	Resp:	182760
Ion Ratio	Lower	Upper	
232	100		
131	52.1	44.9	67.3
130	2.6	2.3	3.5
166	31.6	28.1	42.1

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





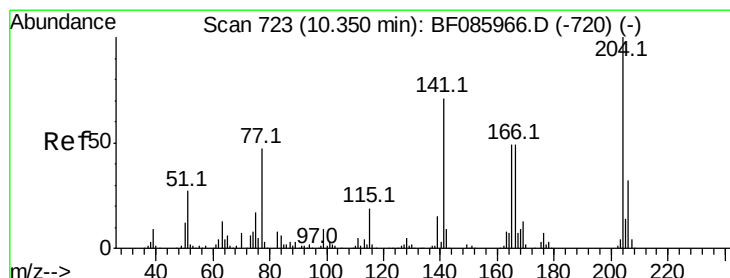
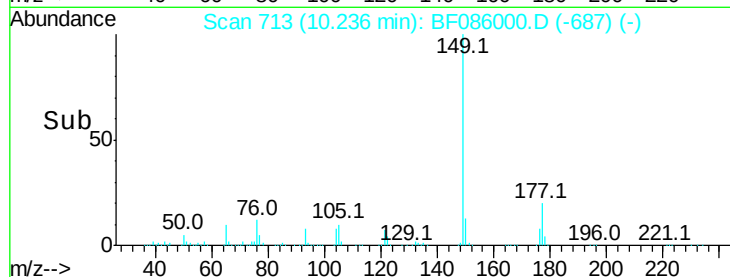
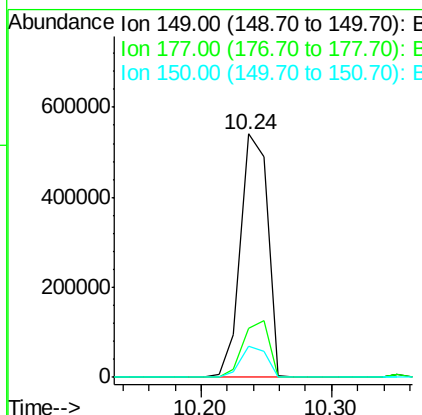
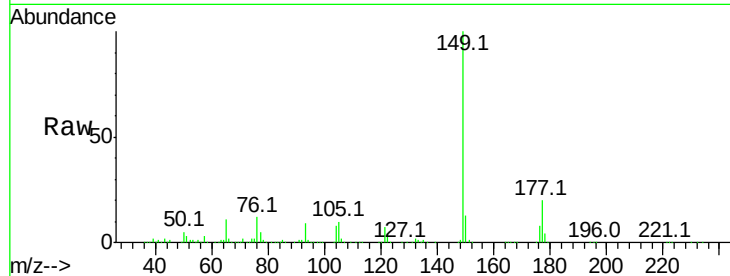
#59
Diethylphthalate
Concen: 43.48 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	779451		
177	20.1	17.9	26.9	
150	13.0	10.2	15.2	

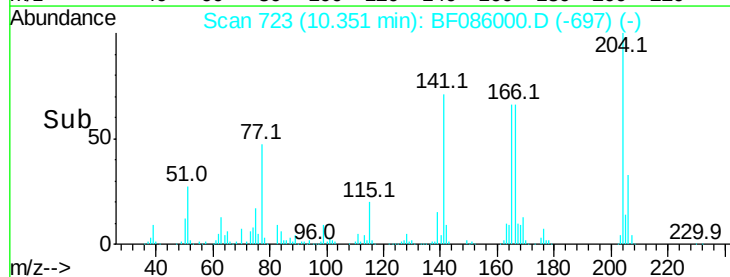
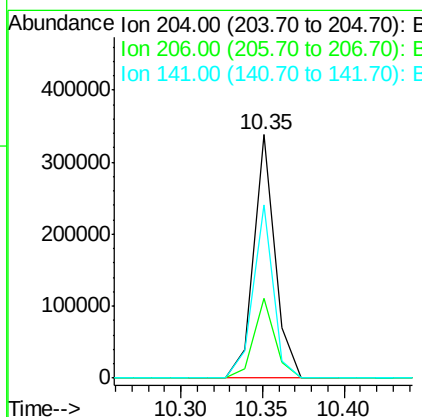
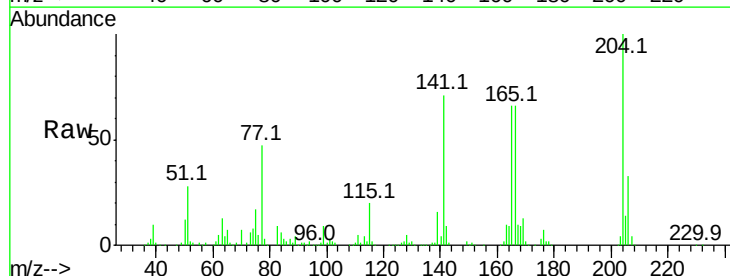
Manual Integrations
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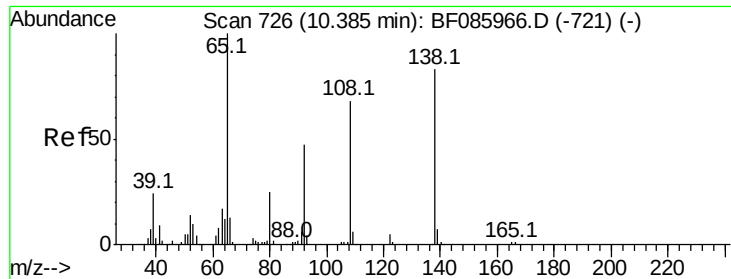
Sohil
4/4/2016 7:44:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.05 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	307870		
206	32.7	26.6	39.8	
141	71.3	57.4	86.0	





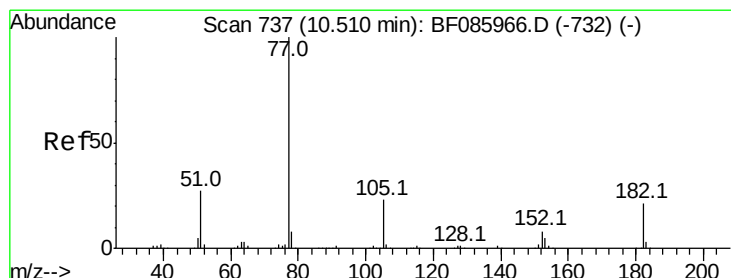
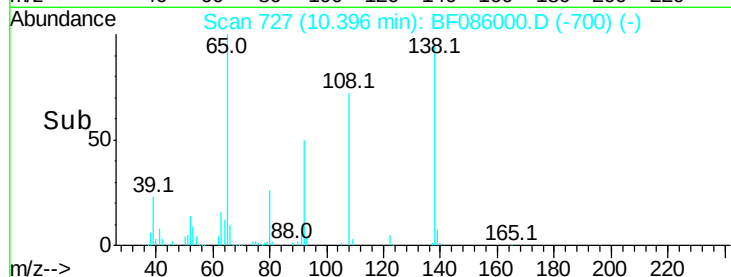
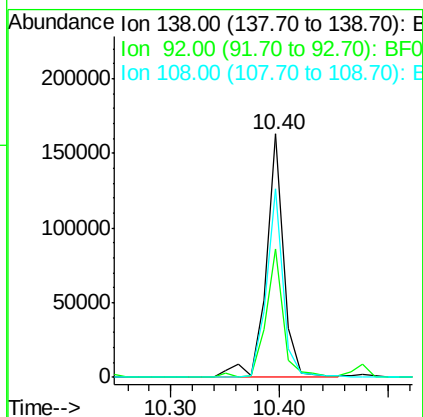
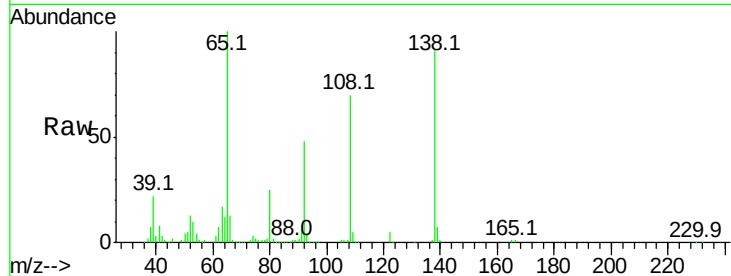
#61
4-Nitroaniline
Concen: 41.63 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	26.4	66.4
108	77.4	49.0	89.0

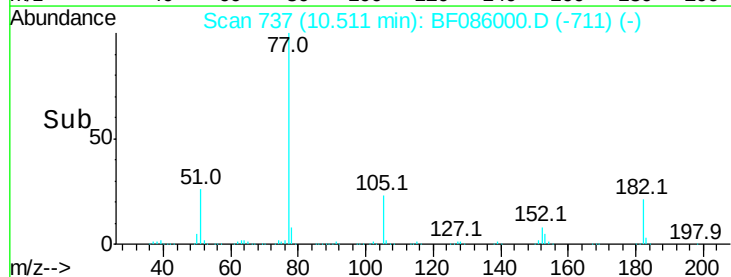
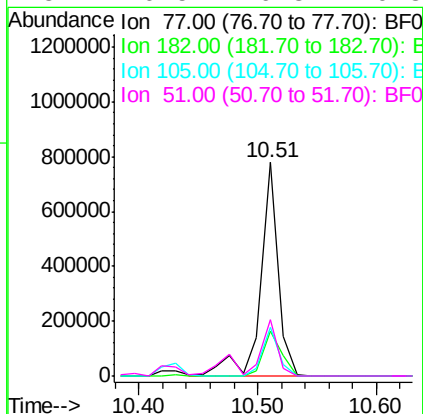
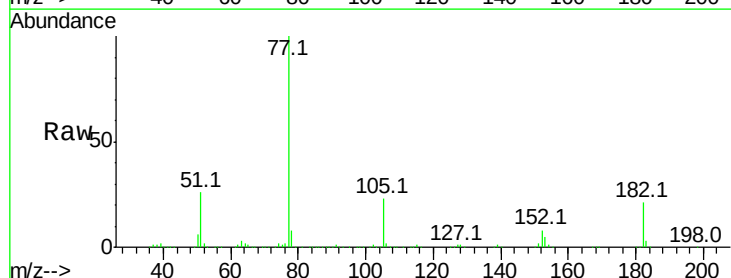
Manual Integrations
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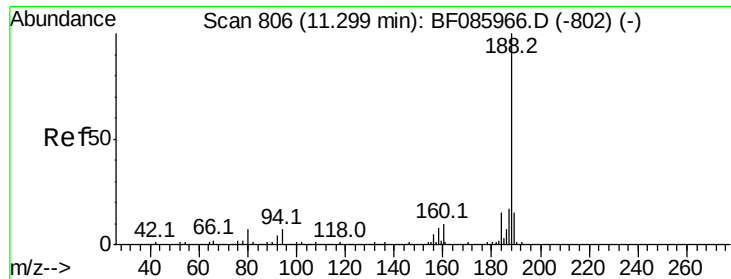
Sohil
4/4/2016 7:44:44 PM



#62
Azobenzene
Concen: 47.49 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.9	41.9
105	23.1	3.5	43.5
51	26.5	6.3	46.3





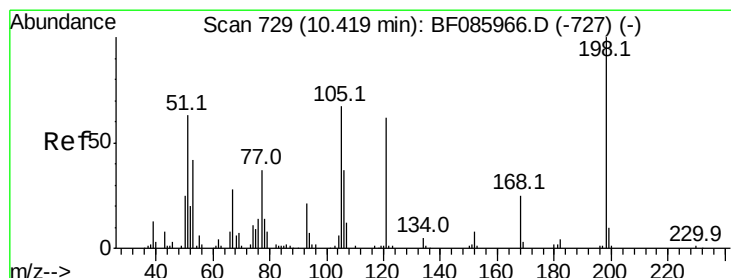
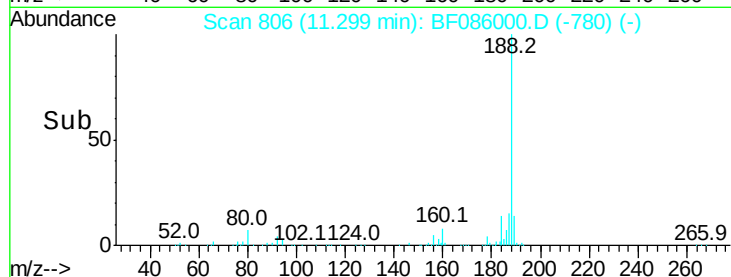
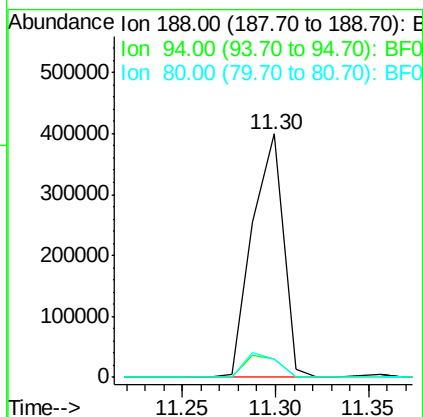
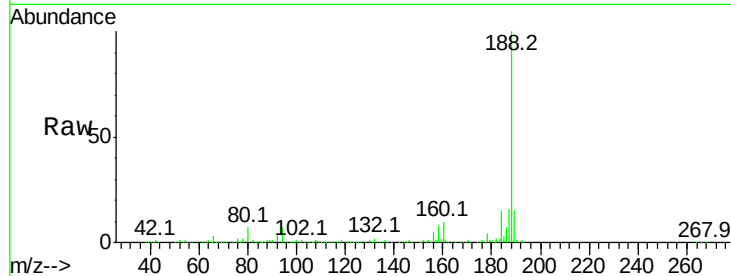
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	5.4	8.0
80	7.4	5.5	8.3

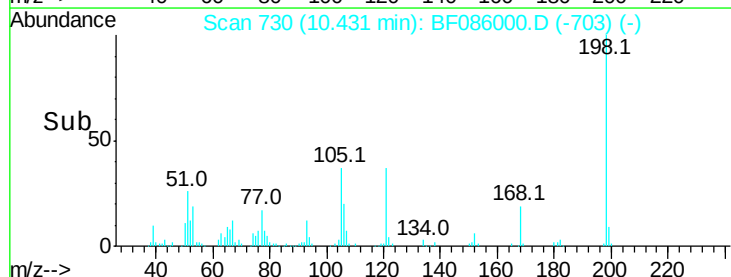
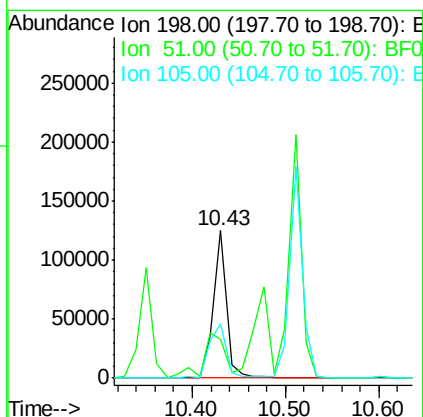
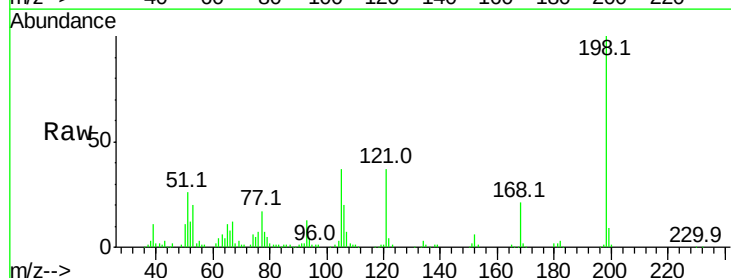
Manual Integrations
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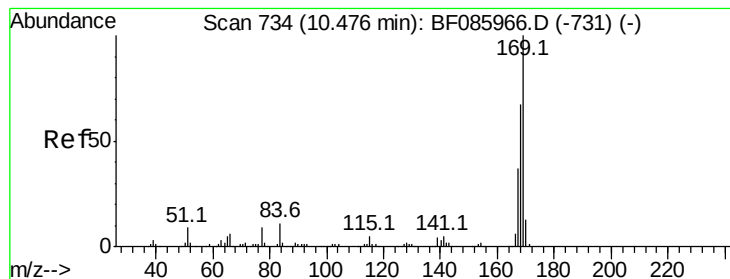
Sohil
4/4/2016 7:44:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.22 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	26.1	45.4	85.4#
105	36.6	45.9	85.9#





#65

n-Nitrosodiphenylamine

Concen: 44.55 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tot Ion:169 Resp: 643627

Ion Ratio Lower Upper

169 100

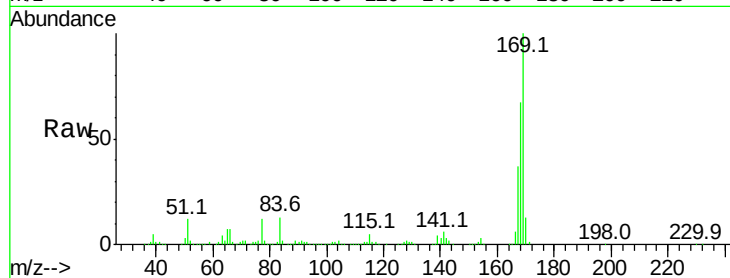
168 66.6 54.4 81.6

167 37.2 29.4 44.0

Manual Integrations
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Sohil

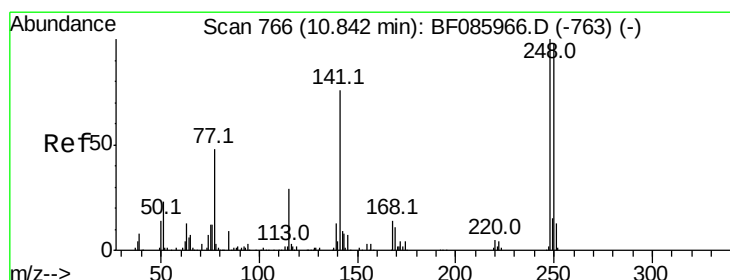
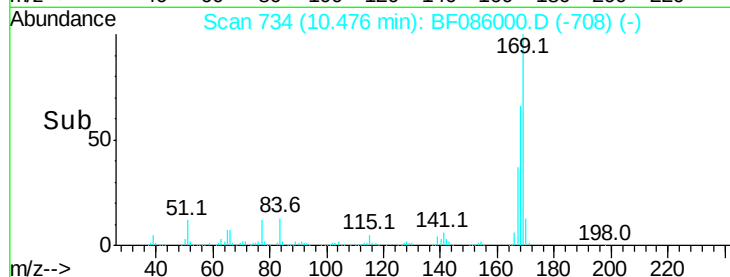
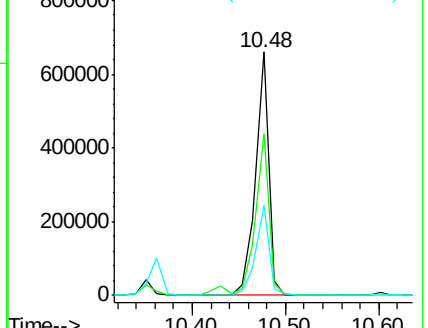
4/4/2016 7:44:44 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.74 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

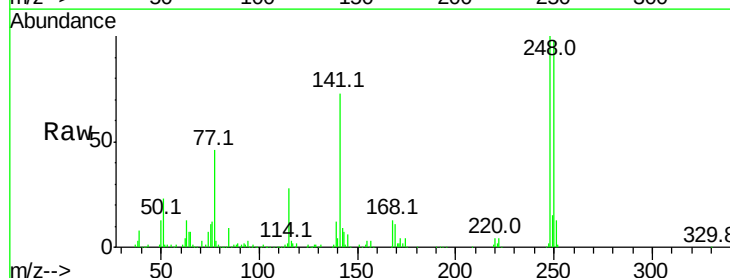
Tgt Ion:248 Resp: 215721

Ion Ratio Lower Upper

248 100

250 98.3 77.4 116.0

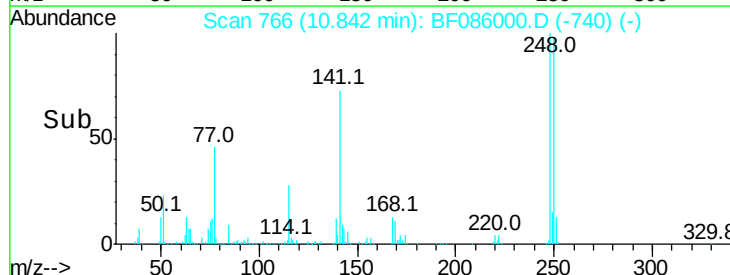
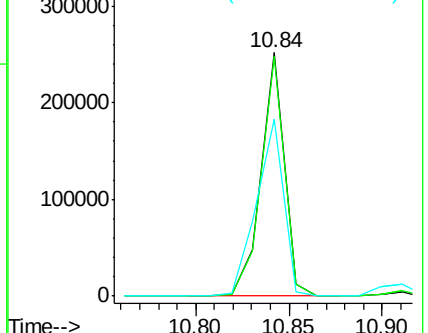
141 72.9 63.6 95.4

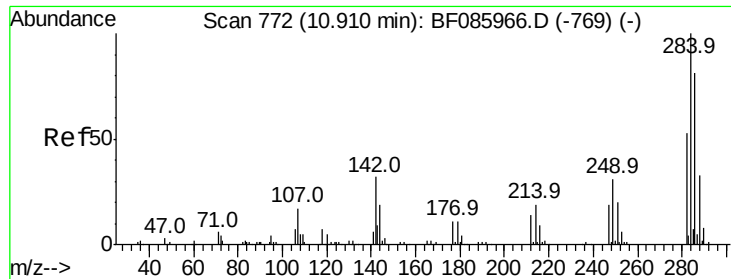


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





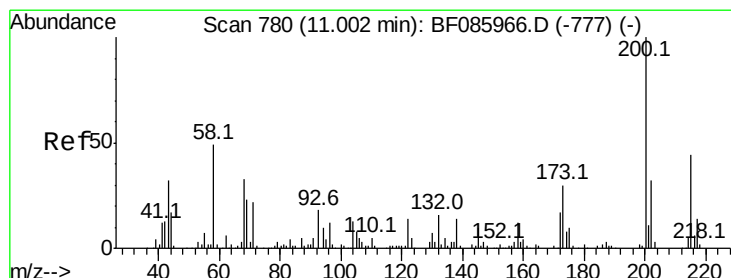
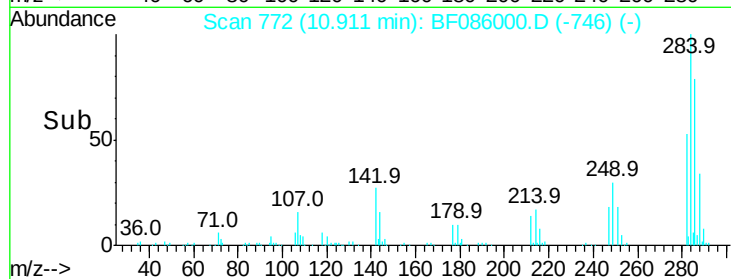
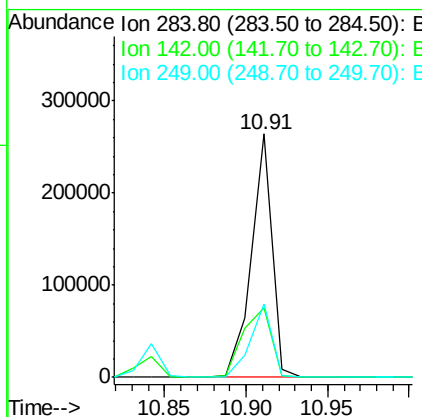
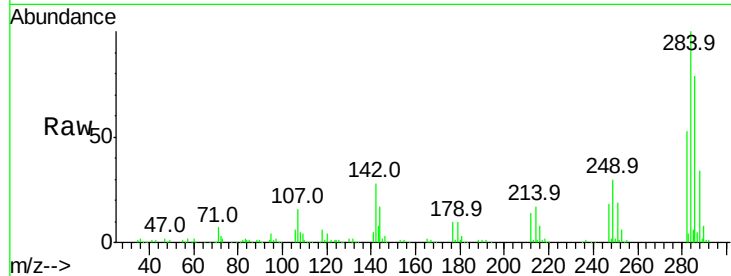
#67
Hexachlorobenzene
Concen: 47.74 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100	232817		
142	28.4	23.1	34.7	
249	30.3	24.2	36.2	

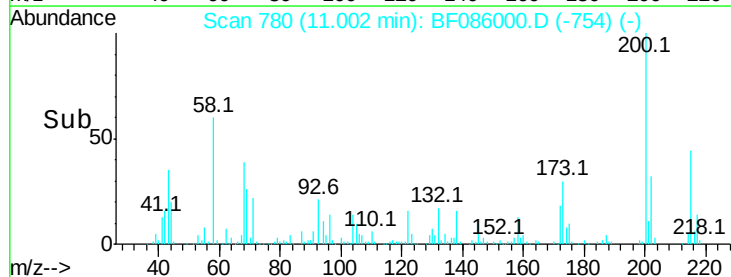
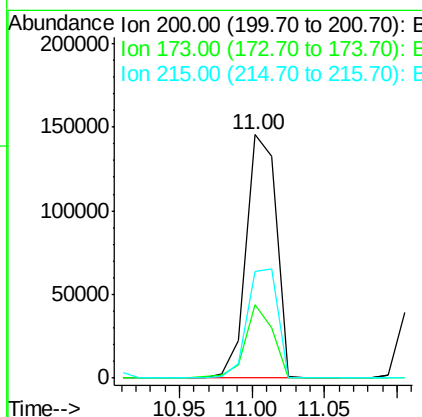
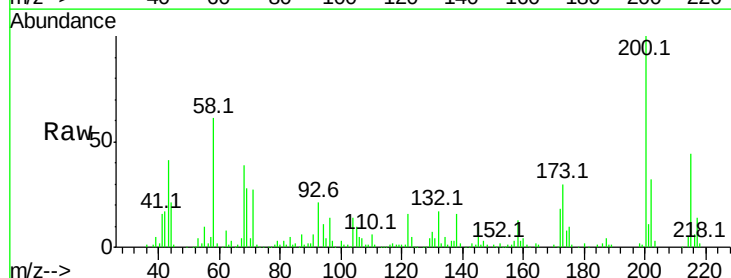
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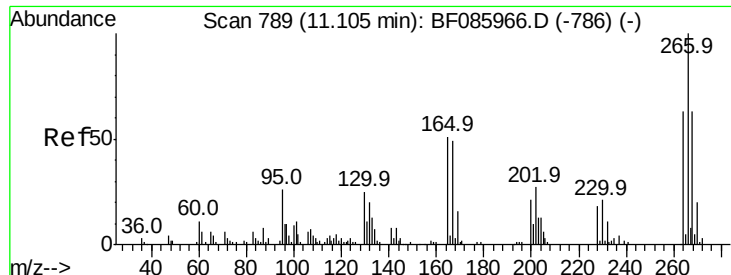
Sohil
4/4/2016 7:44:44 PM



#68
Atrazine
Concen: 44.67 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	208538		
173	30.0	7.7	47.7	
215	43.6	25.4	65.4	





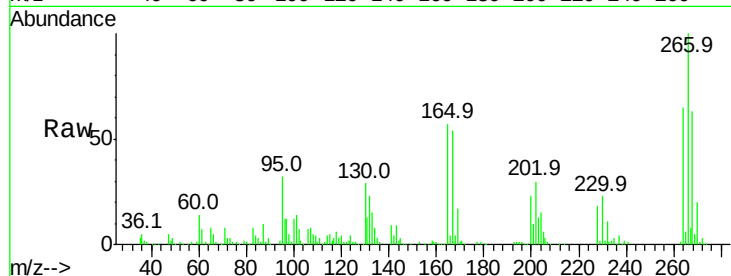
#69
 Pentachlorophenol
 Concen: 89.14 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

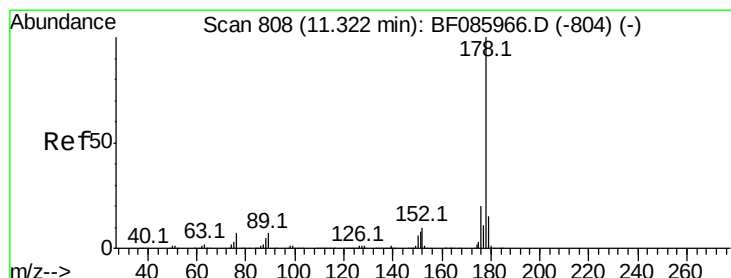
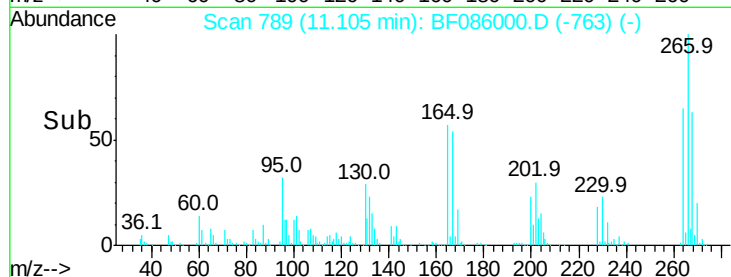
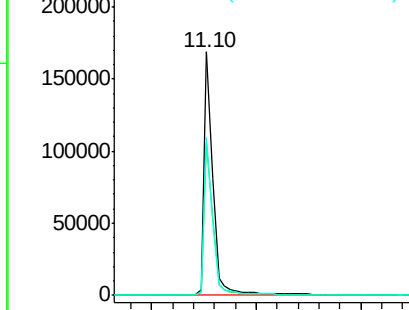
Tot Ion	Ratio	Resp	Lower	Upper
266	100	203746		
268	63.0		51.5	77.3
264	65.1		50.6	76.0

Manual Integrations
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Sohil
 4/4/2016 7:44:44 PM

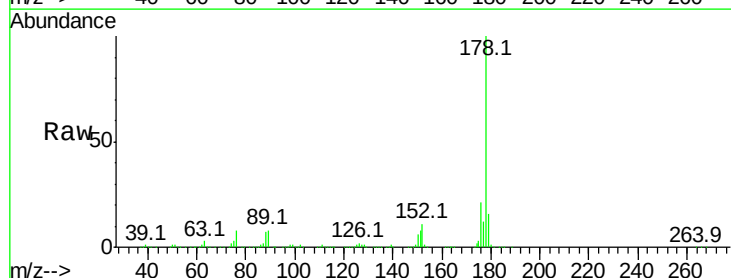


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

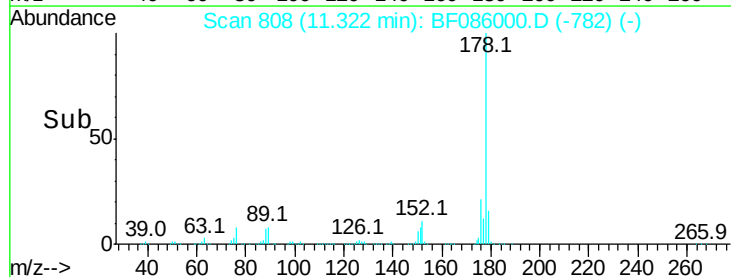
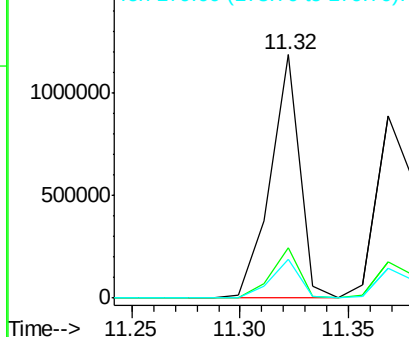


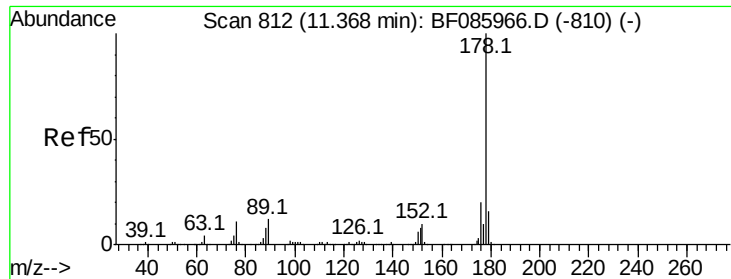
#70
 Phenanthrene
 Concen: 44.53 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1122131		
176	20.5		16.3	24.5
179	15.8		12.6	18.8



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





#71
 Anthracene
 Concen: 40.89 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

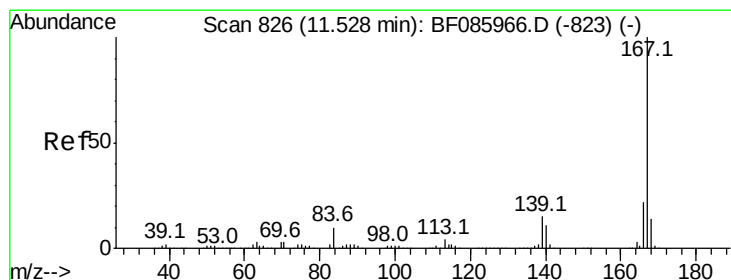
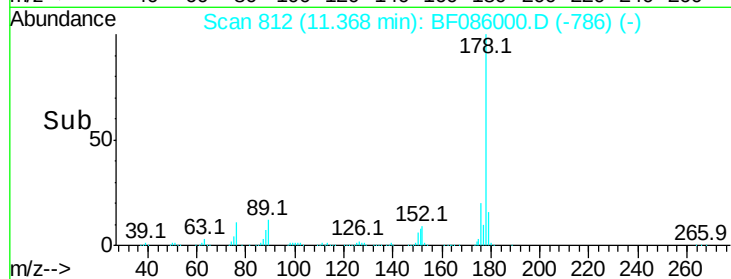
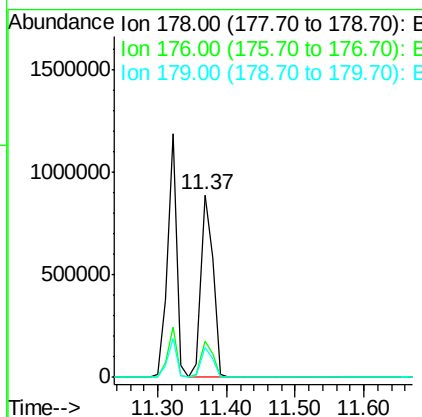
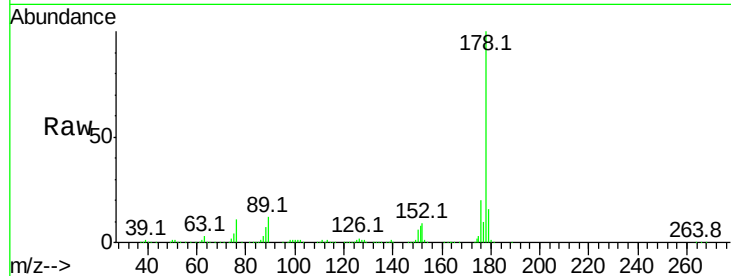
Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tot Ion:178 Resp: 1079496

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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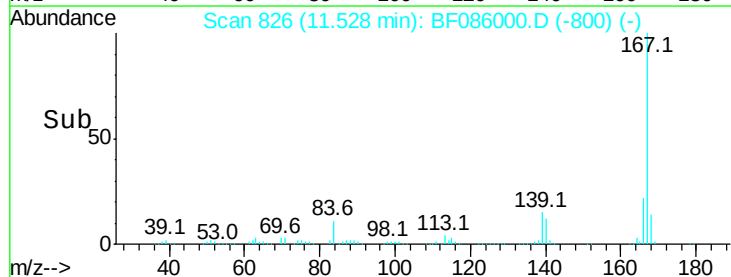
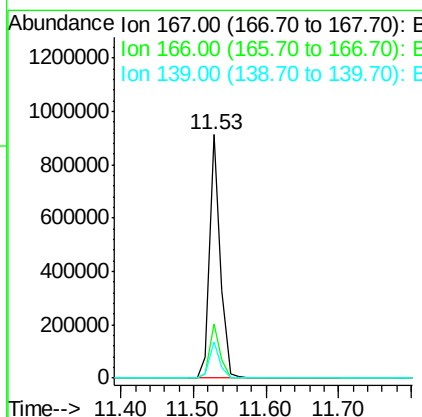
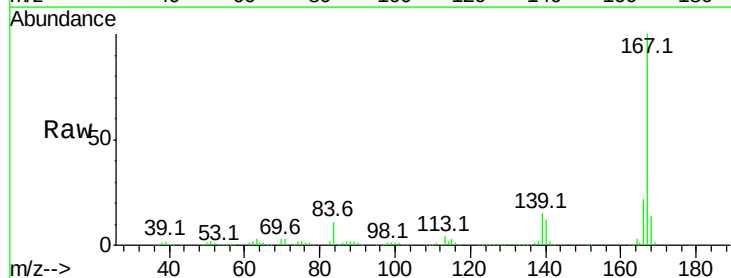
Sohil
 4/4/2016 7:44:44 PM

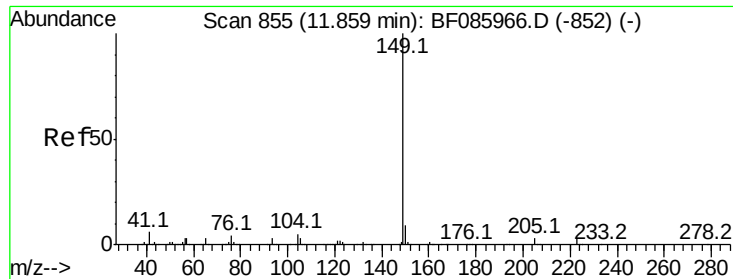


#72
 Carbazole
 Concen: 41.16 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:167 Resp: 933977

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	15.1	11.6	17.4





#73

Di-n-butylphthalate

Concen: 44.05 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tot Ion:149 Resp: 1238579

Ion Ratio Lower Upper

149 100

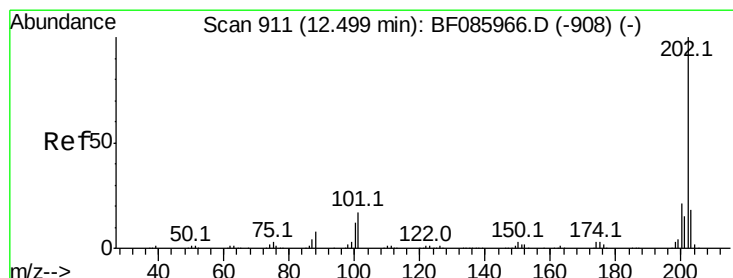
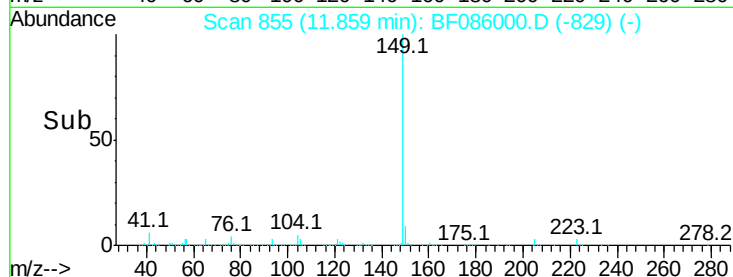
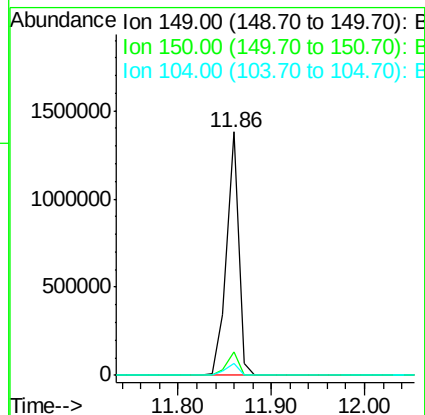
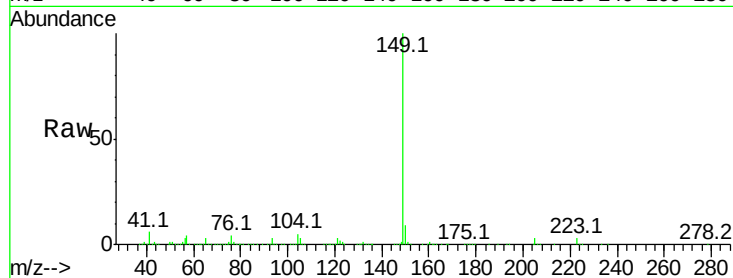
150 9.4 7.6 11.4

104 4.9 3.8 5.8

Manual Integrations
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Sohil

4/4/2016 7:44:44 PM



#74

Fluoranthene

Concen: 44.35 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

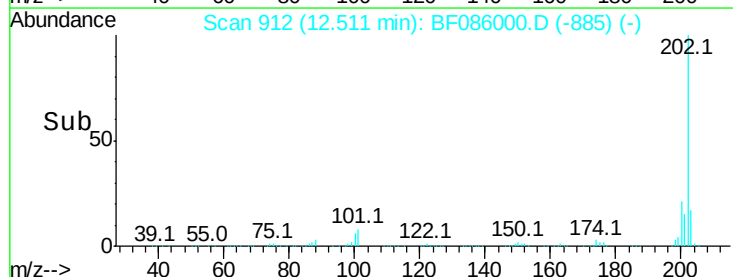
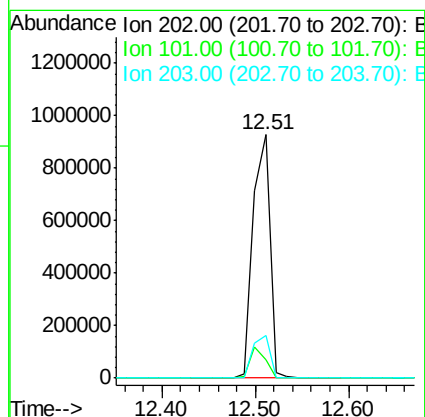
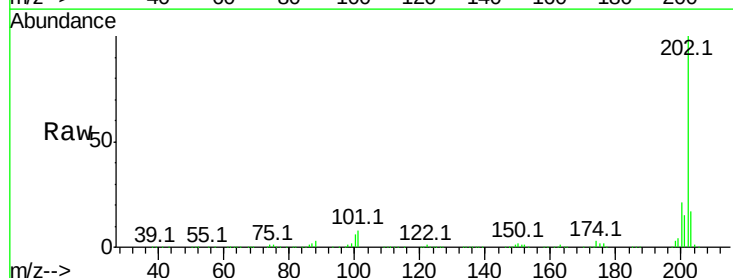
Tgt Ion:202 Resp: 1162619

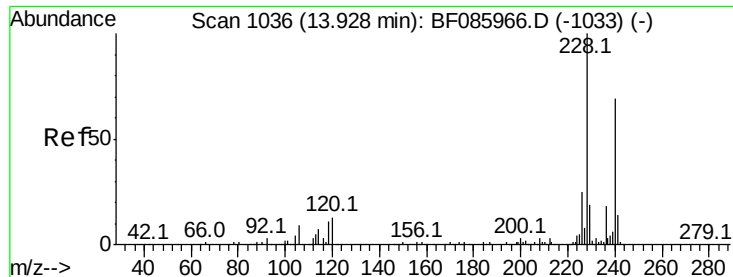
Ion Ratio Lower Upper

202 100

101 7.6 0.0 36.6

203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

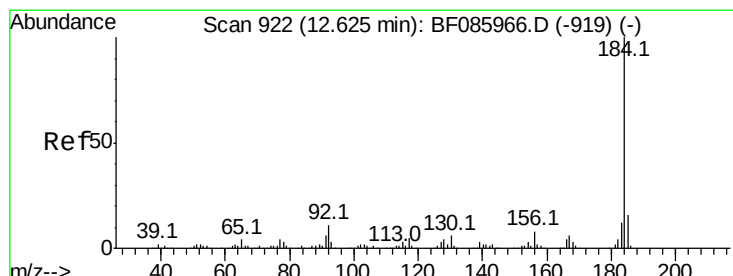
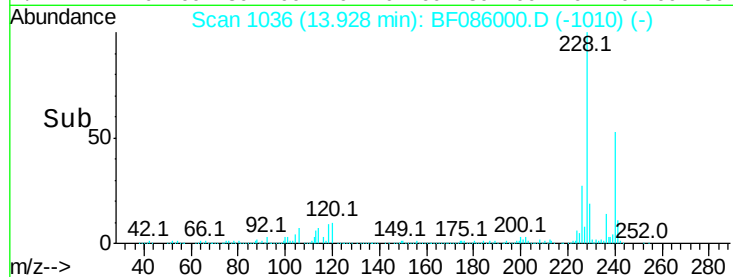
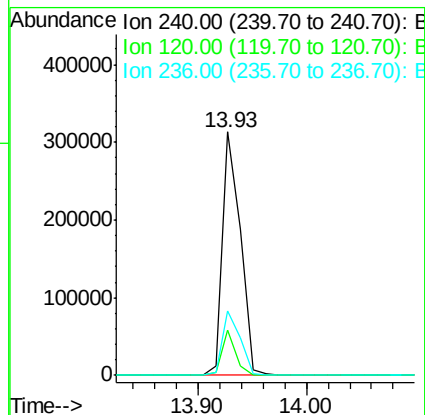
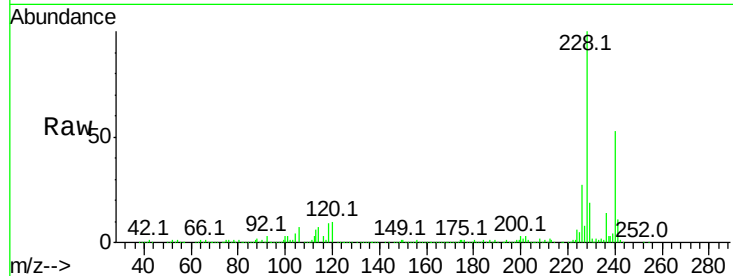
ClientSampleId :

BH-1(0-2)MS

Tot Ion:	240	Resp:	360453
Ion Ratio	Lower	Upper	
240	100		
120	18.4	13.8	20.8
236	26.3	20.6	30.8

Manual Integrations
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Sohil
4/4/2016 7:44:44 PM



#76

Benzidine

Concen: 47.43 ng

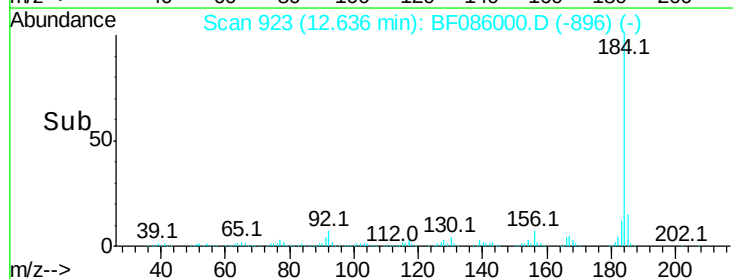
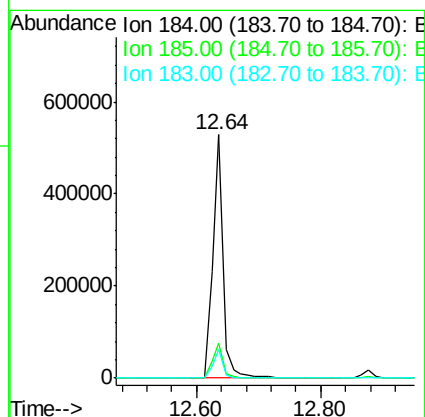
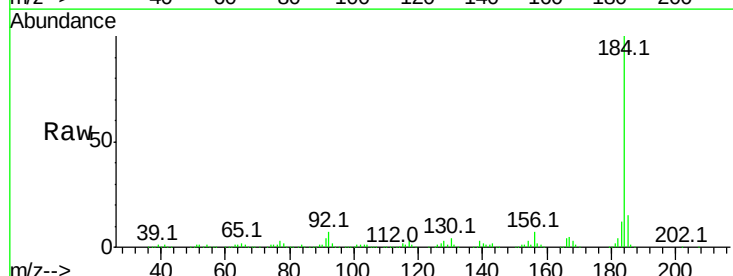
RT: 12.64 min Scan# 923

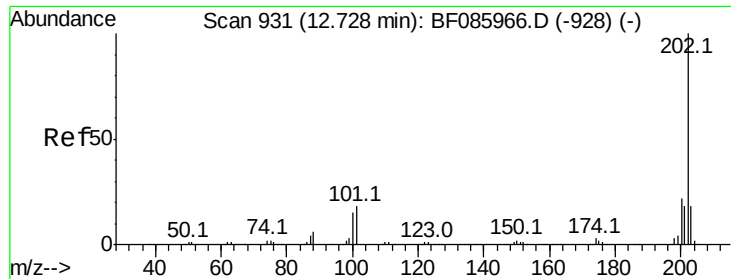
Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:	184	Resp:	603228
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.4	18.6
183	11.8	9.4	14.2





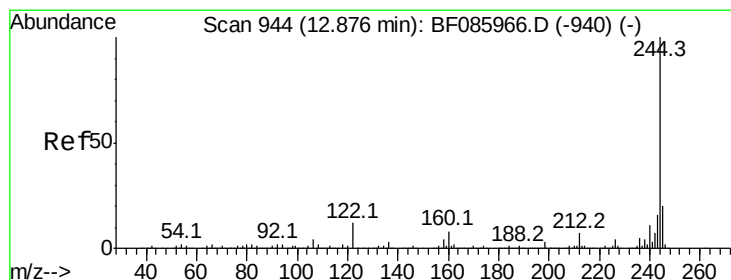
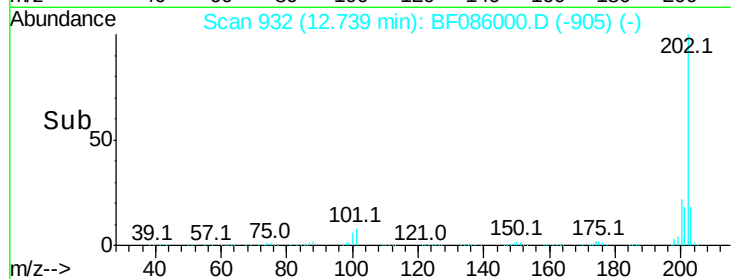
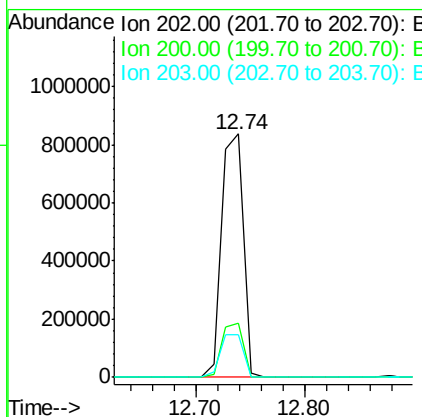
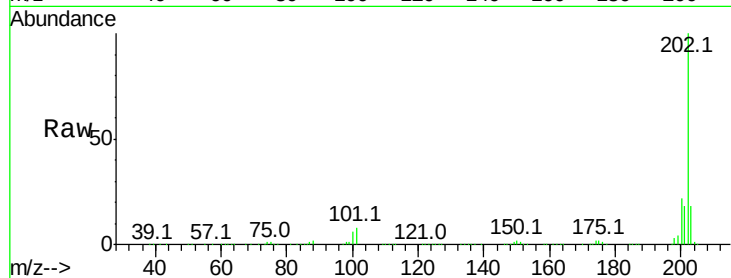
#77
 Pvrene
 Concen: 45.63 ng
 RT: 12.74 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.5	14.0	21.0

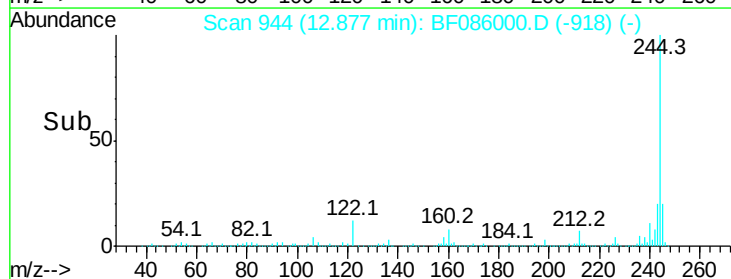
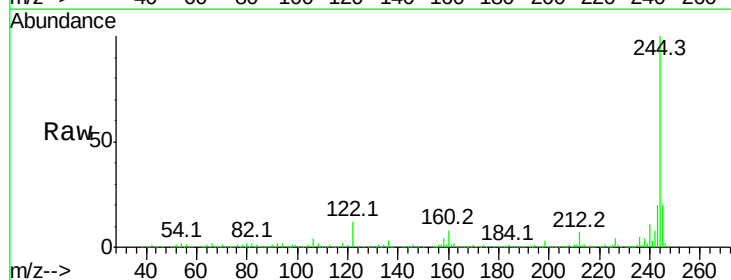
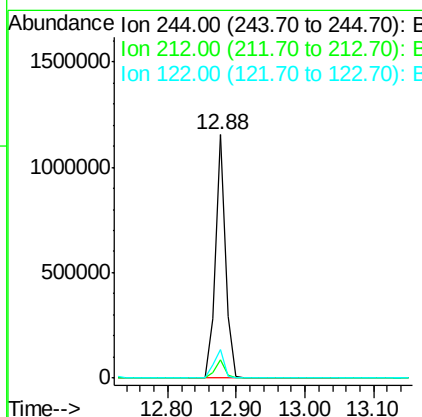
Manual Integrations
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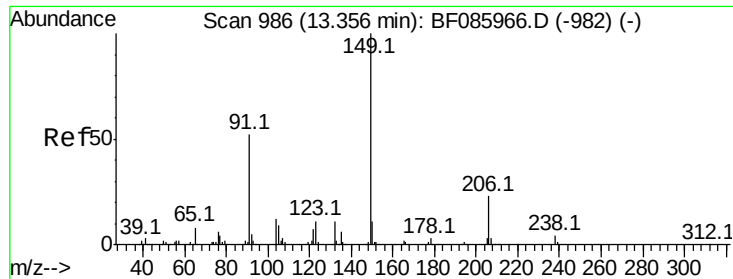
Sohil
 4/4/2016 7:44:44 PM



#78
 Terphenyl-d14
 Concen: 78.28 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.0	10.2	15.4





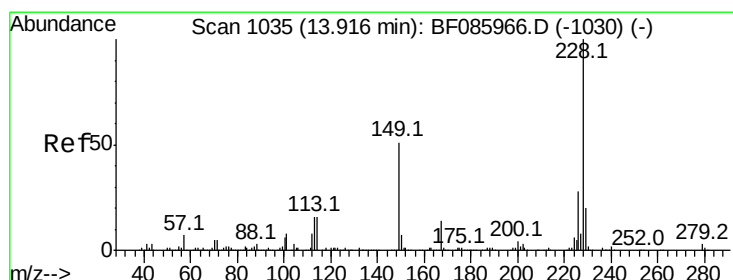
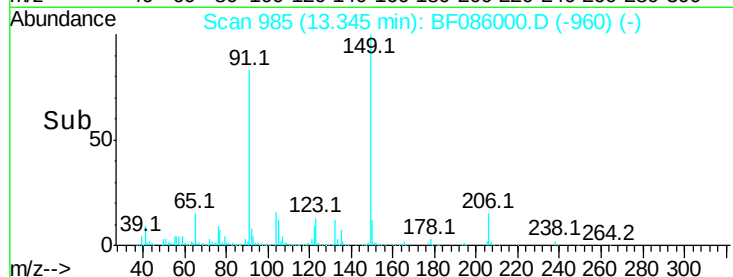
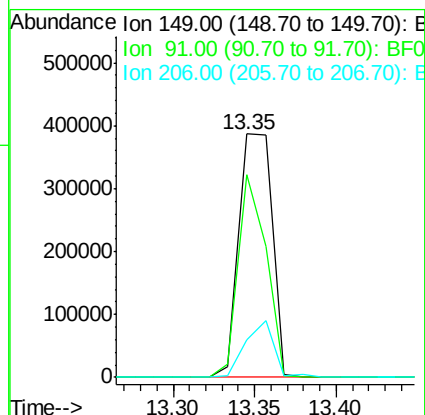
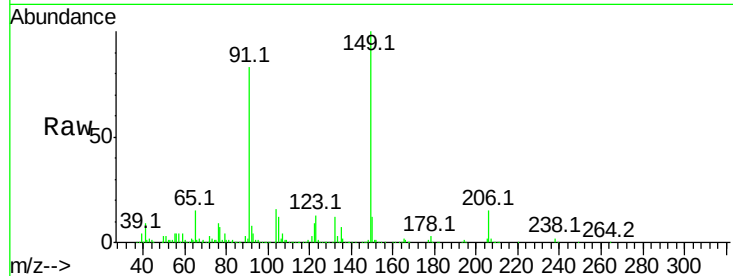
#79
Butylbenzylphthalate
Concen: 47.66 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	83.2	45.8	68.8#
206	15.5	17.8	26.8#

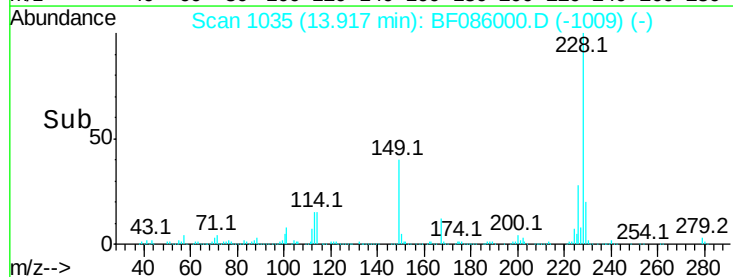
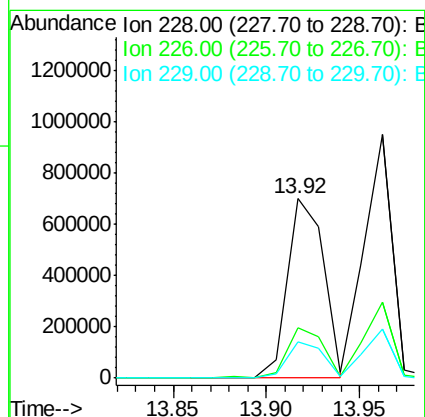
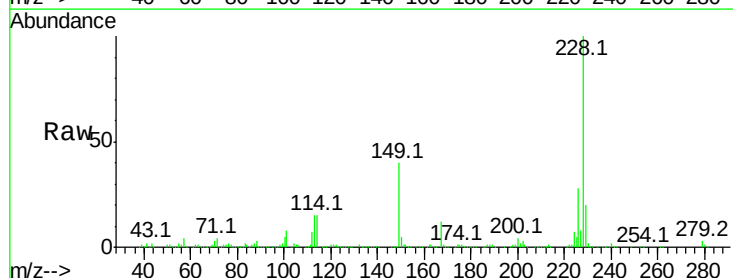
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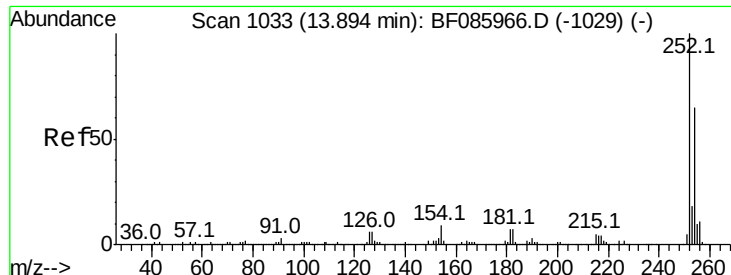
Sohil
4/4/2016 7:44:44 PM



#80
Benzo(a)anthracene
Concen: 44.81 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.4	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 14.37 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

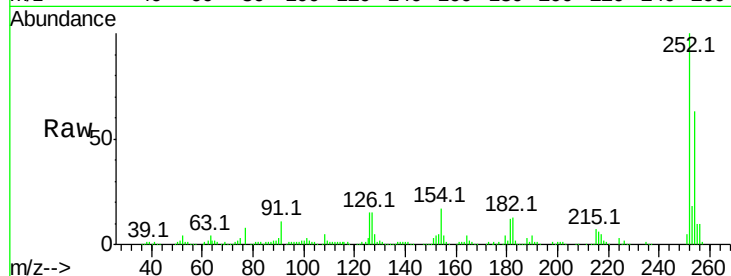
ClientSampleId :

BH-1(0-2)MS

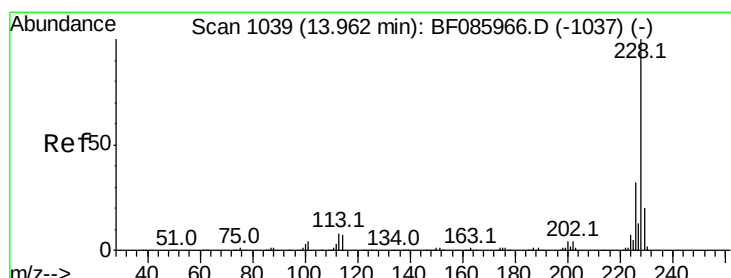
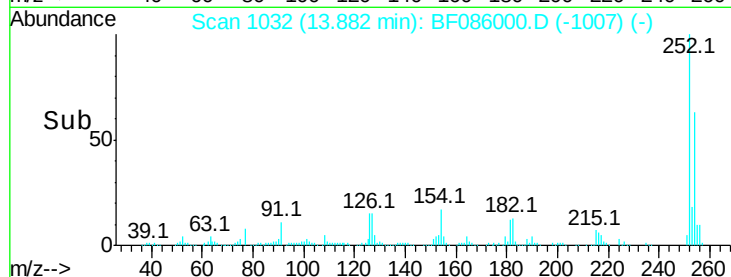
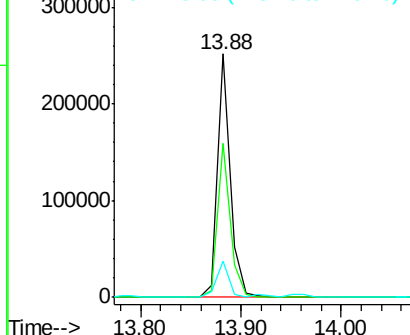
Tot Ion:	252	Resp:	222961
Ion Ratio	Lower	Upper	
252	100		
254	63.5	50.7	76.1
126	14.8	11.8	17.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 48.29 ng

RT: 13.96 min Scan# 1039

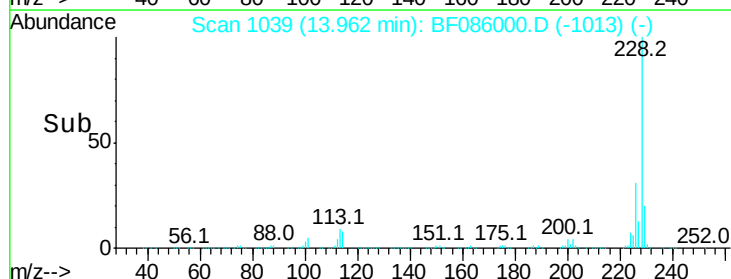
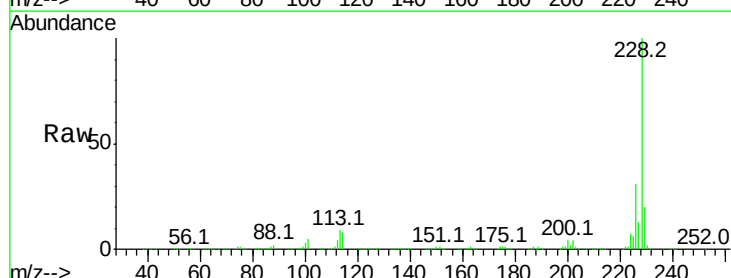
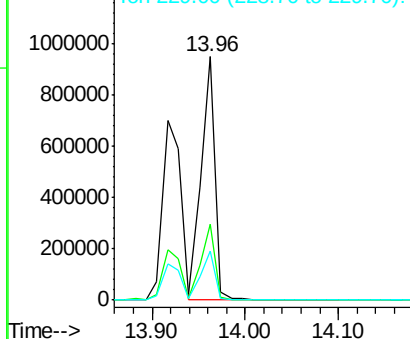
Delta R.T. 0.00 min

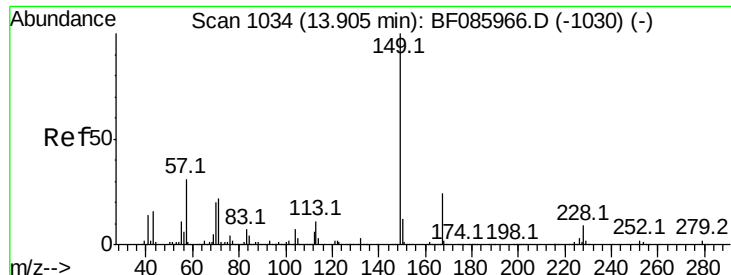
Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:	228	Resp:	988431
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	20.1	15.7	23.5

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





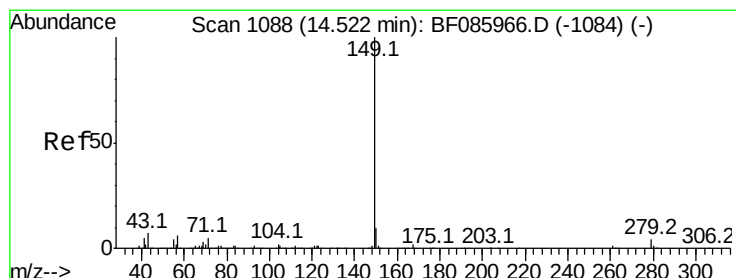
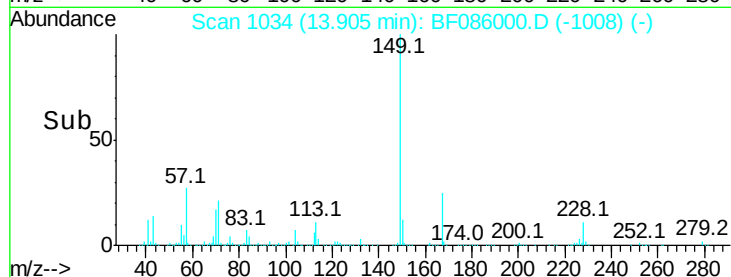
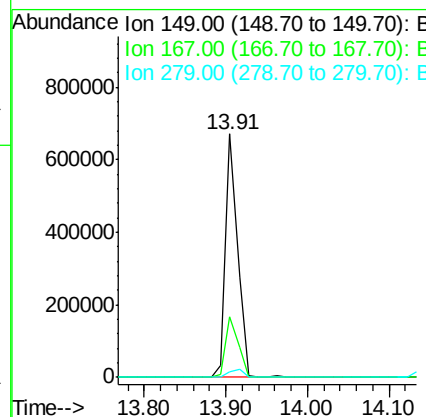
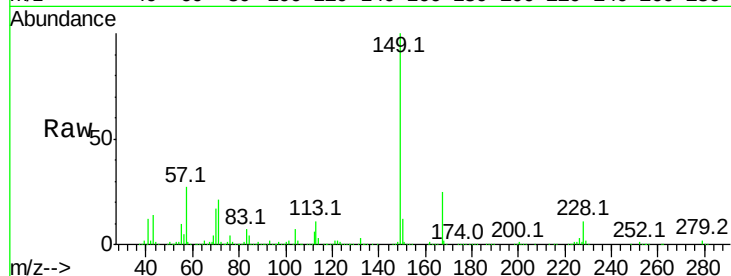
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.13 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	685066		
167	24.9		19.4	29.2
279	2.2		1.5	2.3

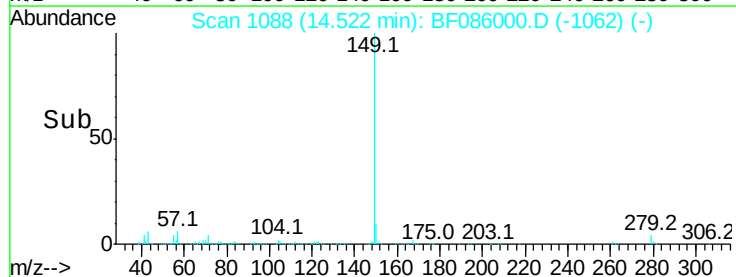
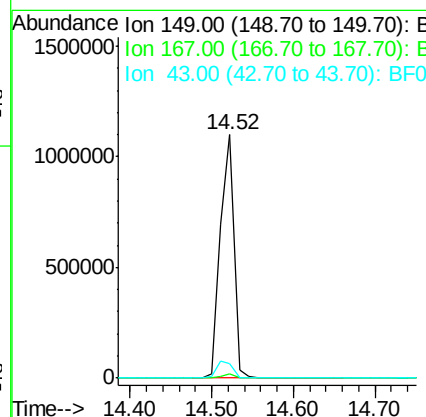
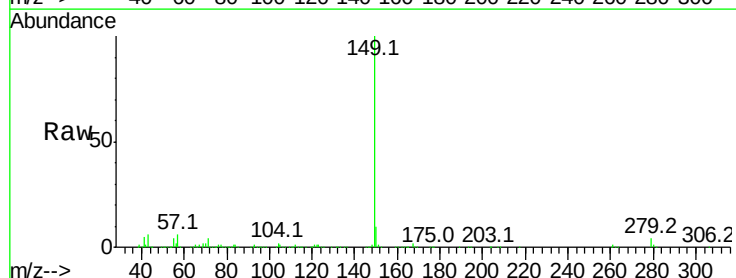
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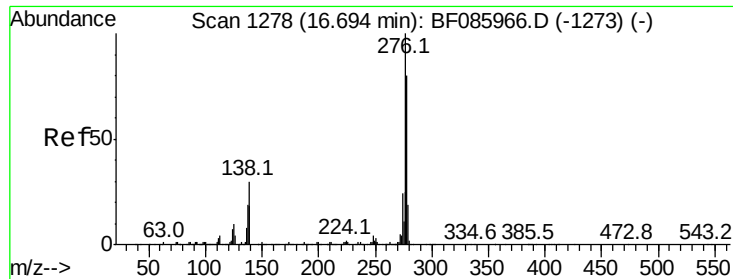
Sohil
 4/4/2016 7:44:44 PM



#84
 Di-n-octyl phthalate
 Concen: 52.87 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1281504		
167	1.5		1.2	1.8
43	8.0		7.1	10.7





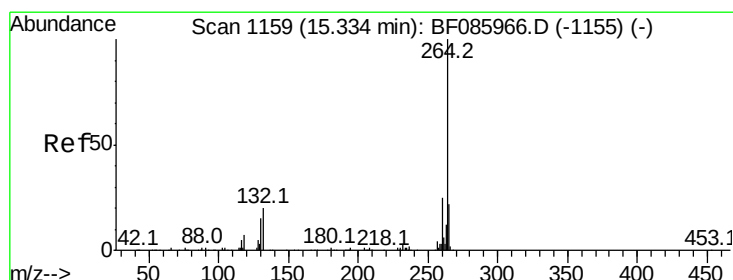
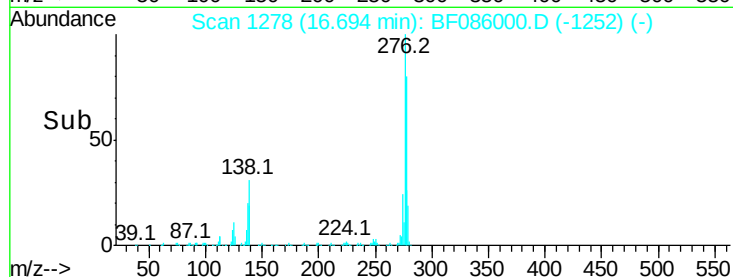
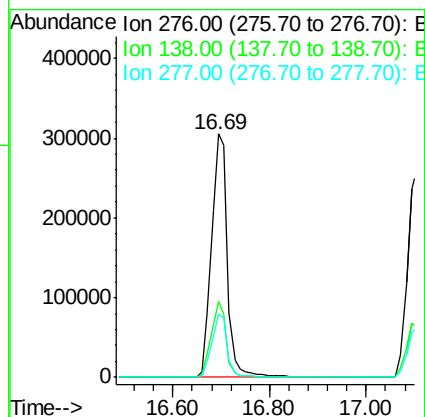
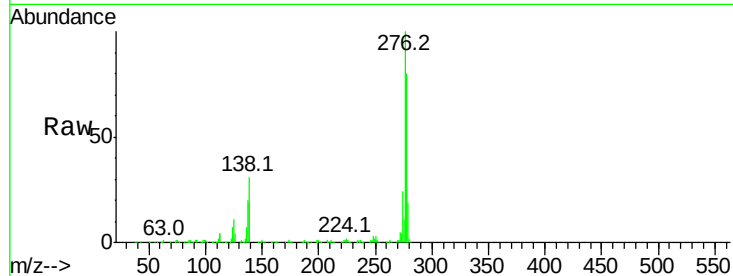
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.03 ng
RT: 16.69 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion:	276	Resp:	714610
Ion Ratio	Lower	Upper	
276	100		
138	29.8	24.2	36.4
277	25.3	20.0	30.0

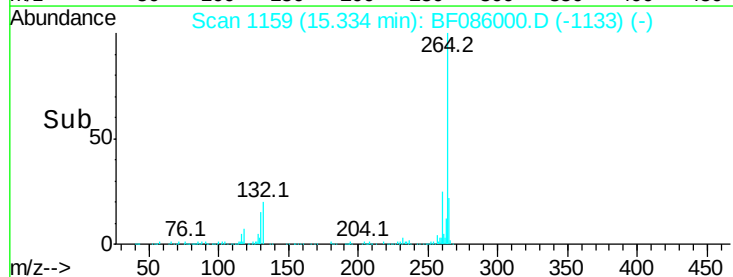
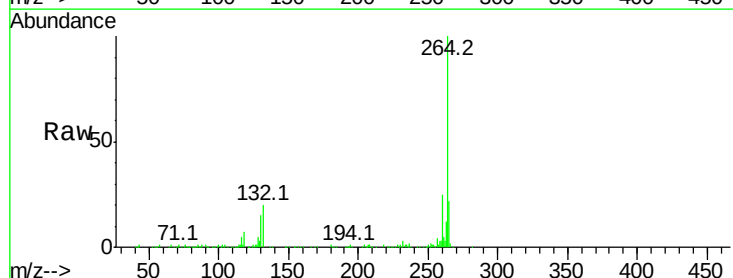
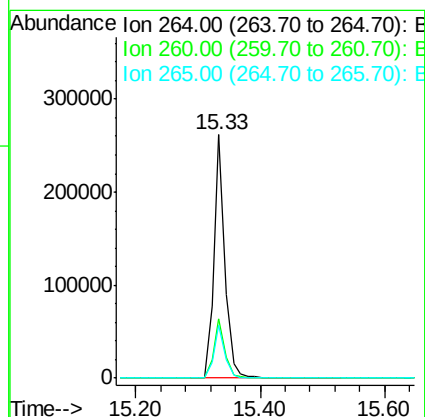
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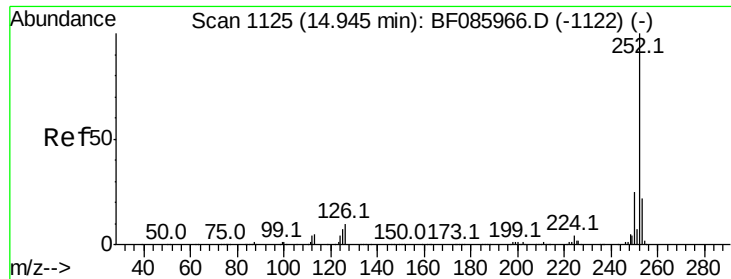
Sohil
4/4/2016 7:44:44 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion:	264	Resp:	315234
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 52.47 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tot Ion:252 Resp: 1040568

Ion Ratio Lower Upper

252 100

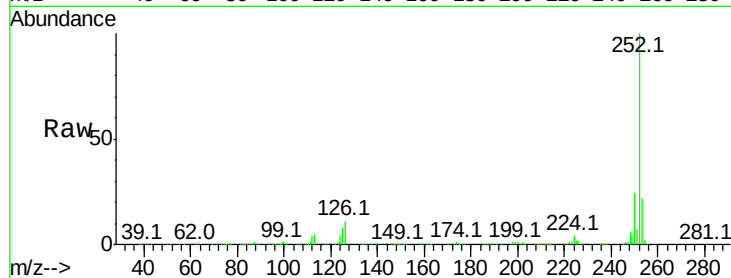
253 21.6 17.6 26.4

125 8.2 10.3 15.5#

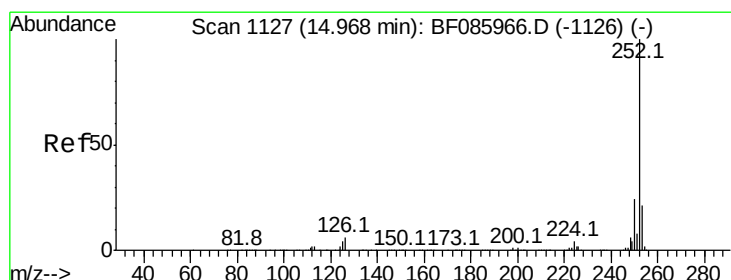
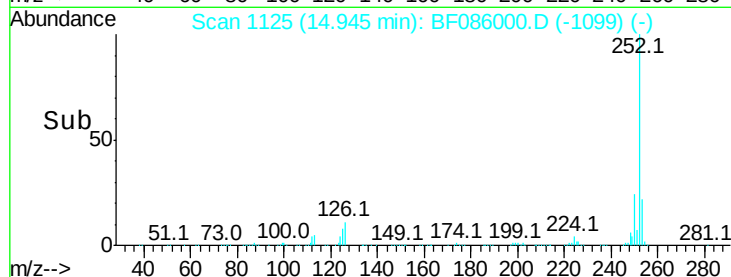
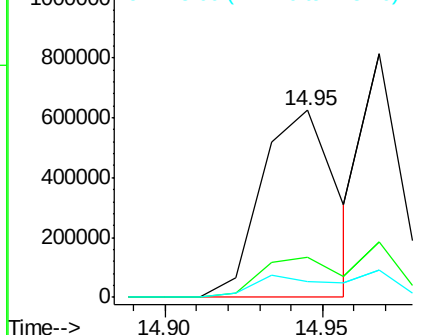
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.50 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

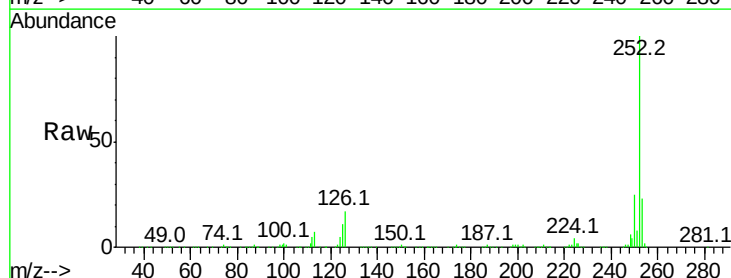
Tgt Ion:252 Resp: 676077

Ion Ratio Lower Upper

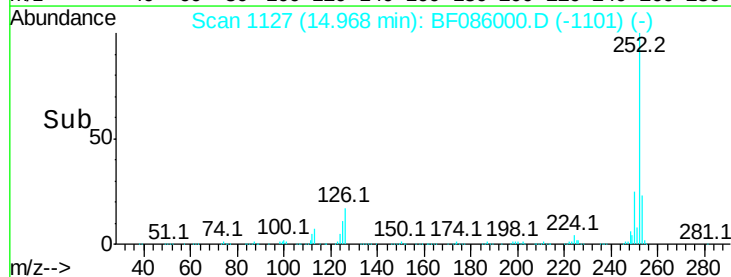
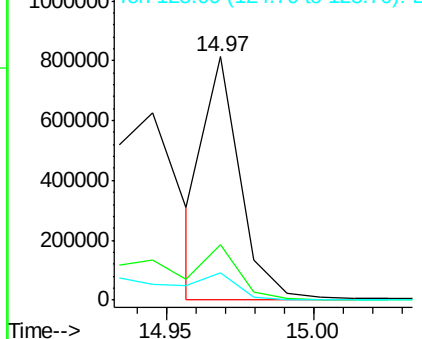
252 100

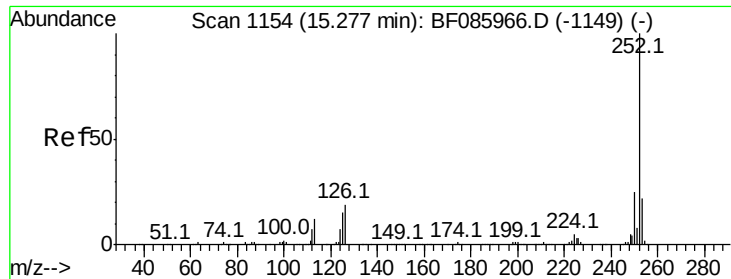
253 22.6 17.8 26.6

125 11.1 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





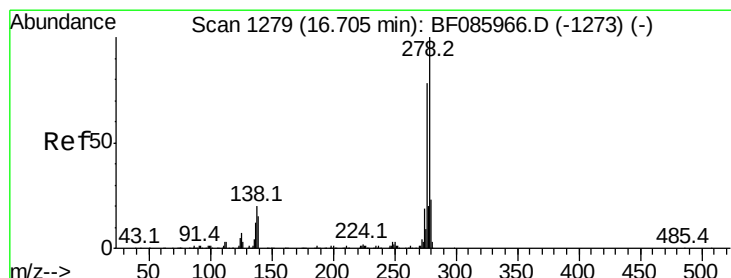
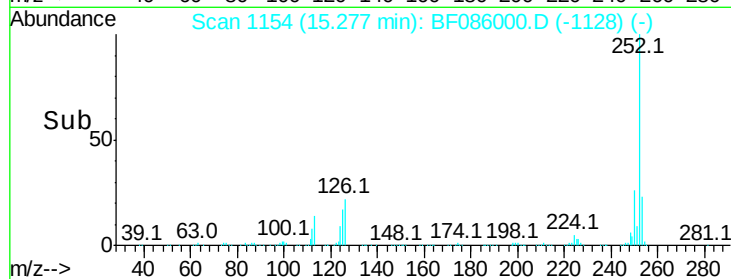
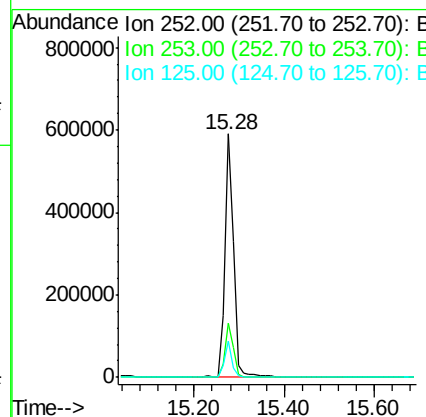
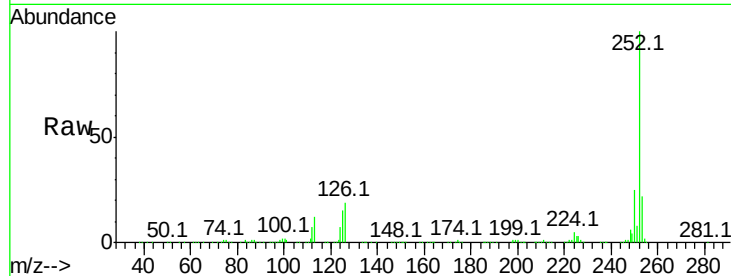
#89
Benzo(a)pyrene
Concen: 44.55 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	14.7	10.3	15.5

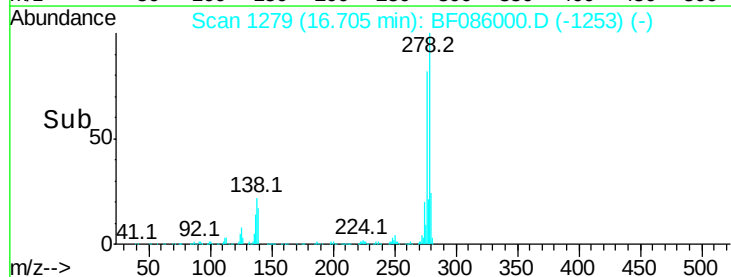
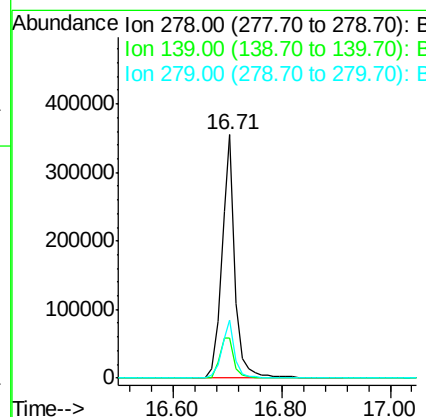
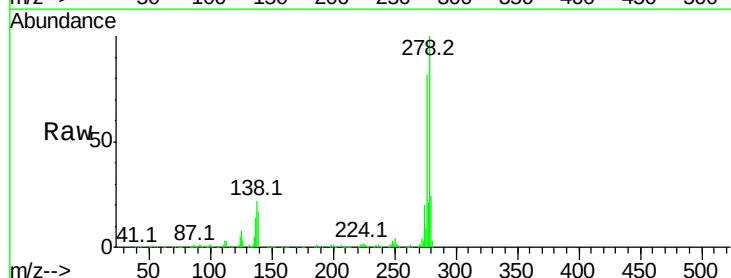
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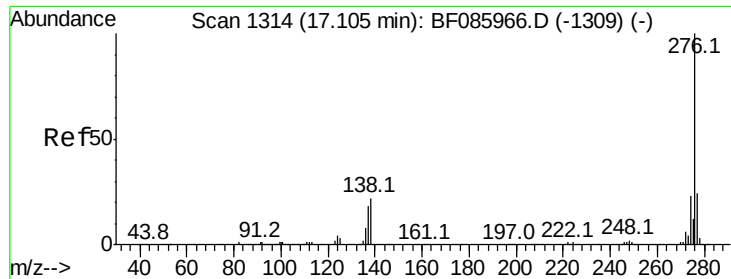
Sohil
4/4/2016 7:44:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.78 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.4	21.6
279	23.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 41.29 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

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

Tot Ion:	276	Resp:	564849
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	22.9	22.6	34.0

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