

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086103.D
 Acq On : 6 Apr 2016 17:41
 Operator : UM/SJ
 Sample : H2254-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Manual Integrations
 APPROVED

Sohil
 4/7/2016 8:59:04 AM

Quant Time: Apr 07 02:00:14 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	6.74	152	157787	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	640902	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	279992	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	493669	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	326882	20.00	ng	-0.02
86) Perylene-d12	15.30	264	315636	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	738055	79.95	ng	-0.02
7) Phenol-d6	6.40	99	928429	79.18	ng	-0.02
23) Nitrobenzene-d5	7.31	82	627740	57.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	236378	89.95	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	947261	56.25	ng	-0.03
78) Terphenyl-d14	12.84	244	727404	52.31	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	101752	23.25	ng	99
3) Pyridine	3.01	79	271696	27.73	ng	99
4) n-Nitrosodimethylamine	2.96	42	117490	27.27	ng	96
6) Aniline	6.41	93	155471	10.11	ng	# 1
8) 2-Chlorophenol	6.53	128	303857	27.60	ng	98
9) Benzaldehyde	6.29	77	109462	17.35	ng	93
10) Phenol	6.41	94	380093	28.42	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	286676	27.07	ng	98
12) 1,3-Dichlorobenzene	6.68	146	310917	26.65	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	320550	26.67	ng	96
14) 1,2-Dichlorobenzene	6.91	146	281018	25.40	ng	95
15) Benzyl Alcohol	6.90	79	217775	28.71	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	338206	26.14	ng	54
17) 2-Methylphenol	7.01	107	229766	26.47	ng	95
18) Hexachloroethane	7.25	117	115071	26.03	ng	94
19) n-Nitroso-di-n-propylamine	7.16	70	191233	26.31	ng	# 90
20) 3+4-Methylphenols	7.17	107	309929	29.36	ng	# 68
22) Acetophenone	7.16	105	406173	26.96	ng	# 90
24) Nitrobenzene	7.33	77	301275	25.34	ng	98
25) Isophorone	7.57	82	561862	26.19	ng	99
26) 2-Nitrophenol	7.65	139	162064	28.49	ng	96
27) 2,4-Dimethylphenol	7.70	122	279488	27.35	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	368877	29.30	ng	99
29) 2,4-Dichlorophenol	7.90	162	223852	25.92	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	245179	25.29	ng	97
31) Naphthalene	8.05	128	856694	26.57	ng	99
32) Benzoic acid	7.80	122	29716	3.96	ng	98
33) 4-Chloroaniline	8.12	127	66341	5.09	ng	98
34) Hexachlorobutadiene	8.17	225	120591	23.13	ng	98
35) Caprolactam	8.48	113	75434m	27.53	ng	
36) 4-Chloro-3-methylphenol	8.60	107	249902	25.74	ng	92
37) 2-Methylnaphthalene	8.75	142	537391	25.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	209819	24.93	ng	98
40) Hexachlorocyclopentadiene	8.90	237	108950	44.65	ng	97

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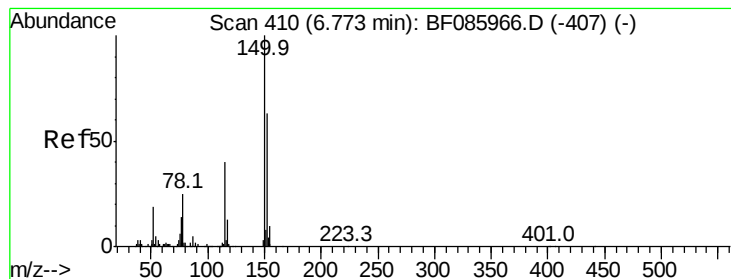
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	147714	27.33	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	146734	26.74	nq	98
45) 1,1'-Biphenyl	9.21	154	602832	24.97	nq	98
46) 2-Chloronaphthalene	9.23	162	449600	25.69	nq	93
47) 2-Nitroaniline	9.33	65	137498	26.85	nq	87
48) Acenaphthylene	9.64	152	689194	24.58	nq	99
49) Dimethylphthalate	9.52	163	788442	37.99	nq	100
50) 2,6-Dinitrotoluene	9.58	165	129662	29.53	nq	# 65
51) Acenaphthene	9.81	154	416017	24.95	nq	99
52) 3-Nitroaniline	9.74	138	75065	14.18	nq	86
53) 2,4-Dinitrophenol	9.87	184	51166	27.21	nq	# 72
54) Dibenzofuran	9.98	168	608209	27.62	nq	95
55) 4-Nitrophenol	9.93	139	156939	50.31	nq	92
56) 2,4-Dinitrotoluene	9.98	165	136890	24.67	nq	# 36
57) Fluorene	10.33	166	450294	23.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	115290	28.22	nq	98
59) Diethylphthalate	10.21	149	582127	27.79	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	230509	26.31	nq	# 83
61) 4-Nitroaniline	10.36	138	111476	21.39	nq	90
62) Azobenzene	10.49	77	582854	29.05	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	63857	21.34	nq	86
65) n-Nitrosodiphenylamine	10.44	169	416029	26.95	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	124285	24.66	nq	# 78
67) Hexachlorobenzene	10.88	284	131336	25.20	nq	# 69
68) Atrazine	10.98	200	147161	29.50	nq	98
69) Pentachlorophenol	11.08	266	133976	54.85	nq	99
70) Phenanthrene	11.29	178	771461	28.65	nq	99
71) Anthracene	11.34	178	754676	26.75	nq	98
72) Carbazole	11.50	167	650040	26.80	nq	99
73) Di-n-butylphthalate	11.84	149	798892	26.59	nq	# 98
74) Fluoranthene	12.48	202	749880	26.77	nq	95
76) Benzidine	12.60	184	229269	19.88	nq	97
77) Pyrene	12.71	202	749729	32.55	nq	99
79) Butylbenzylphthalate	13.32	149	277319	26.74	nq	# 82
80) Benzo(a)anthracene	13.89	228	526388	27.32	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	76381	5.43	nq	# 97
82) Chrysene	13.93	228	496252	26.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	364898	26.51	nq	# 97
84) Di-n-octyl phthalate	14.49	149	596099	27.12	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	545878	36.25	nq	100
87) Benzo(b)fluoranthene	14.91	252	563322m	28.37	nq	
88) Benzo(k)fluoranthene	14.93	252	418581m	23.81	nq	
89) Benzo(a)pyrene	15.24	252	487510	27.71	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	439858	31.08	nq	99
91) Benzo(g,h,i)perylene	17.05	276	463709	33.85	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

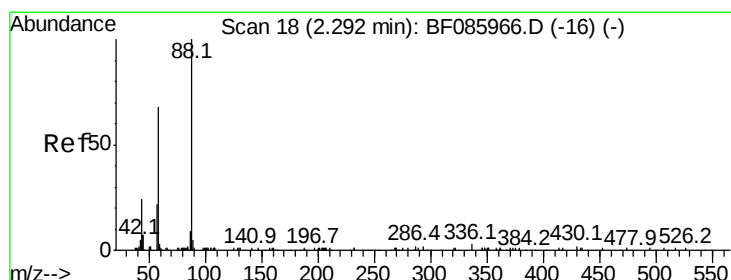
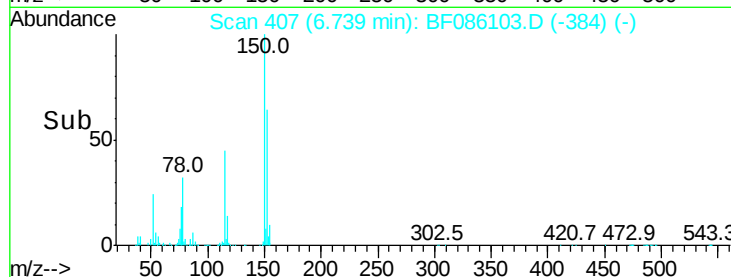
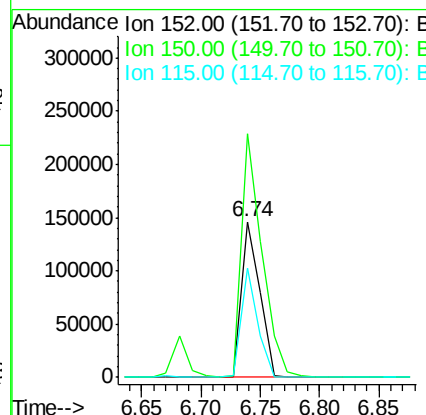
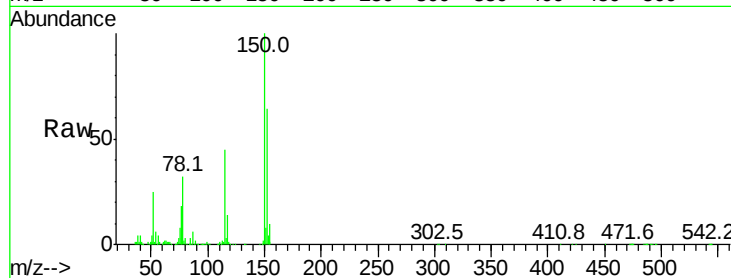
ClientSampleId :

SP-14MS

Tot Ion:	152	Resp:	157787
Ion Ratio	Lower	Upper	
152	100		
150	156.6	124.2	186.2
115	70.5	47.0	70.6

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#2

1,4-Dioxane

Concen: 23.25 ng

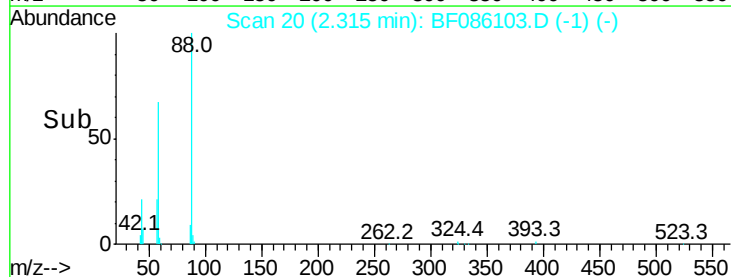
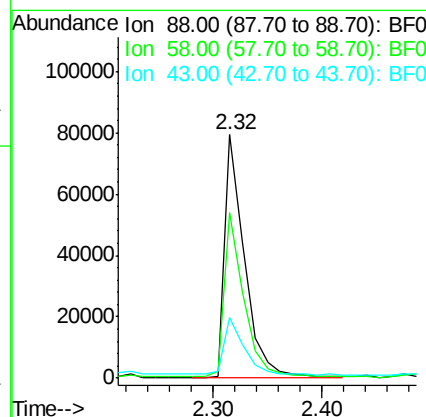
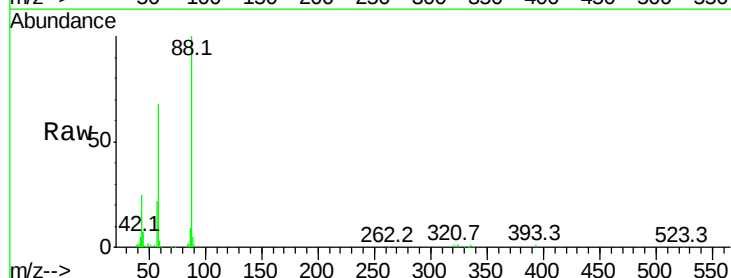
RT: 2.32 min Scan# 20

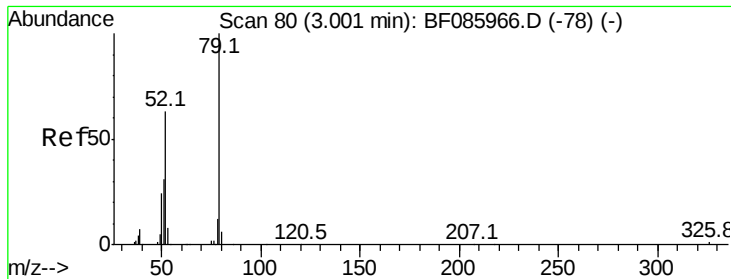
Delta R.T. 0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	88	Resp:	101752
Ion Ratio	Lower	Upper	
88	100		
58	66.3	54.2	81.2
43	23.9	19.3	28.9





#3

Pvridine

Concen: 27.73 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

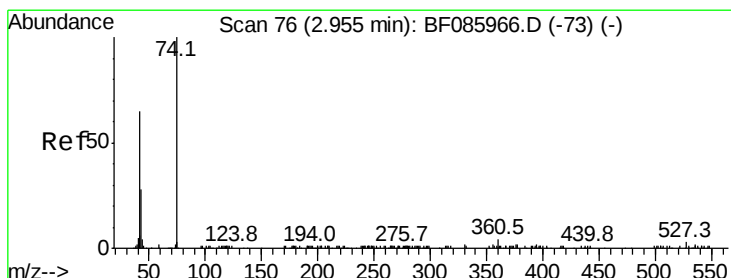
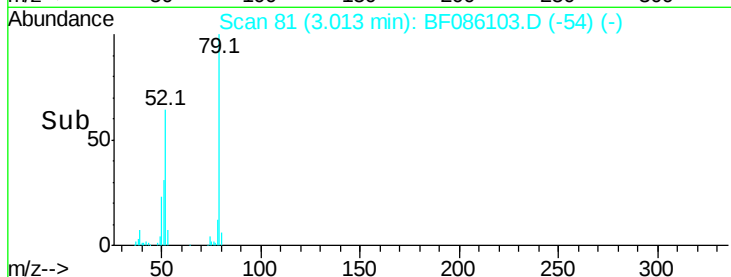
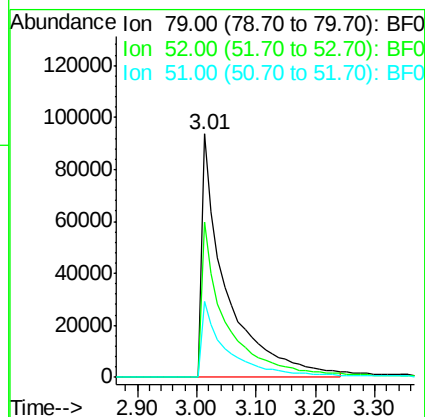
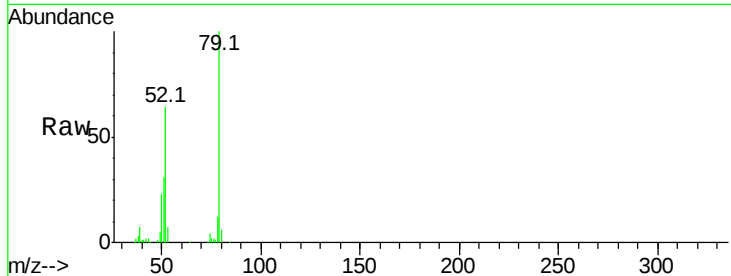
ClientSampleId :

SP-14MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	271696		
52	52	63.5		49.8	74.6
51	51	30.9		24.7	37.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 27.27 ng

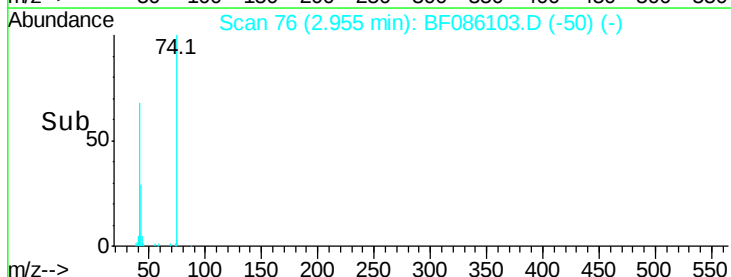
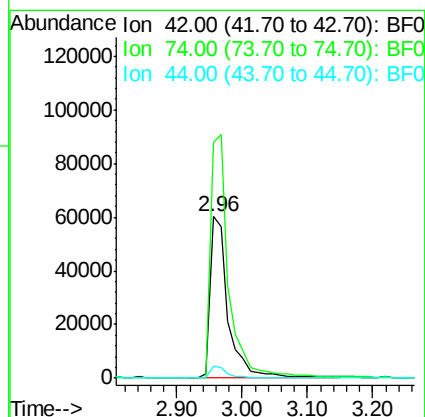
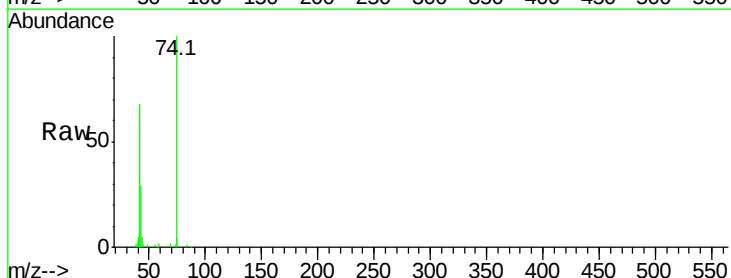
RT: 2.96 min Scan# 76

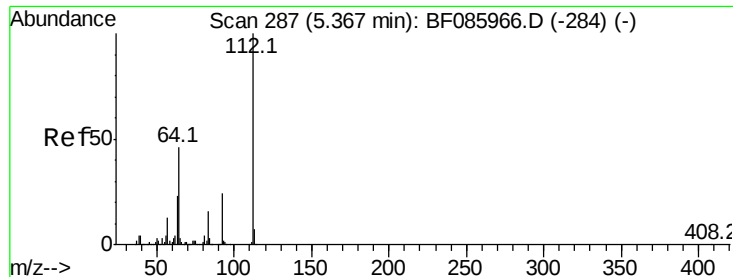
Delta R.T. 0.00 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	117490		
74	74	146.4		121.4	182.2
44	44	7.0		5.6	8.4





#5

2-Fluorophenol

Concen: 79.95 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

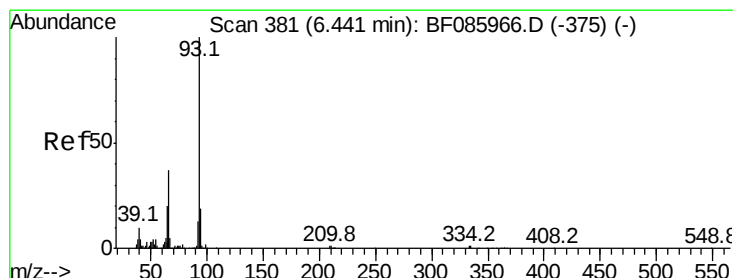
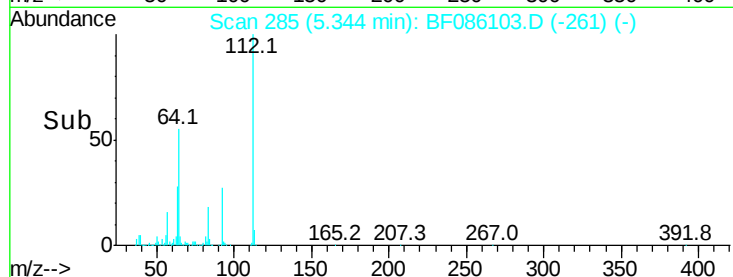
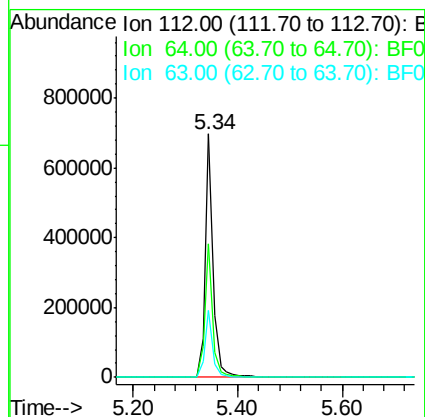
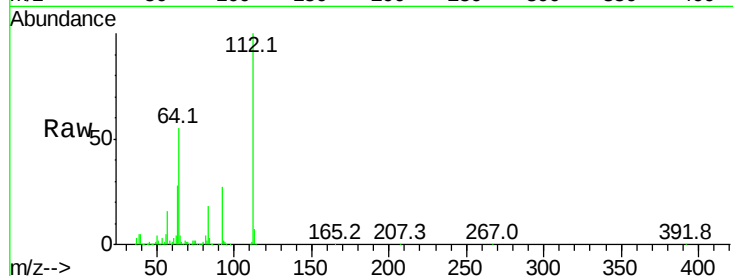
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		738055		
64	54.7	39.9	59.9		
63	27.8	20.2	30.2		



#6

Aniline

Concen: 10.11 ng

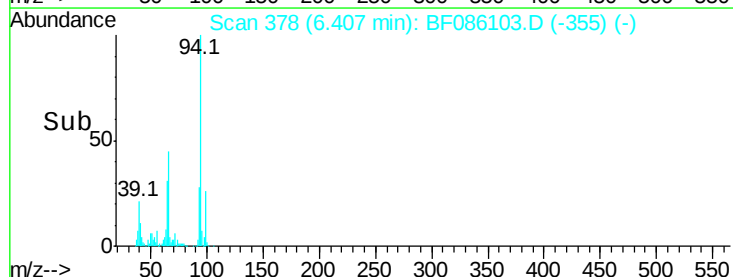
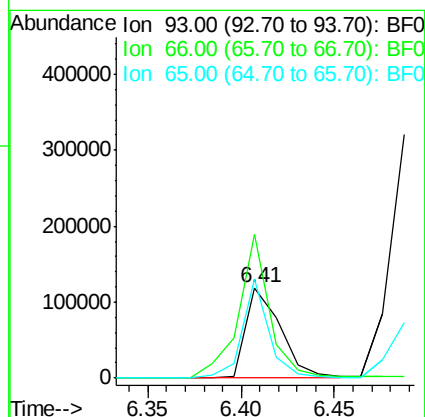
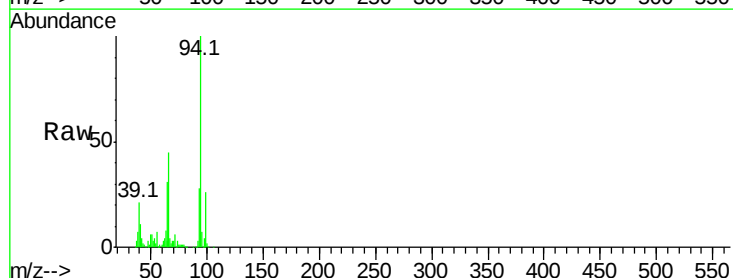
RT: 6.41 min Scan# 378

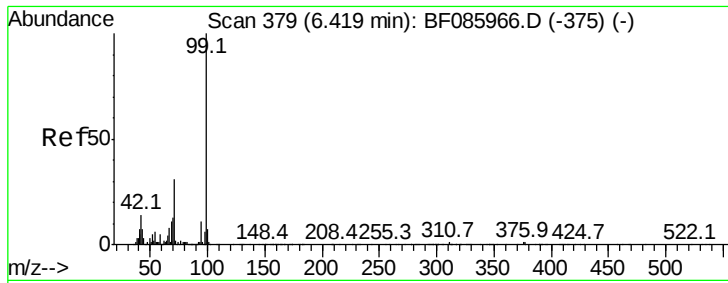
Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		155471		
66	160.4	31.4	47.2#		
65	109.6	15.7	23.5#		





#7

Phenol-d6

Concen: 79.18 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

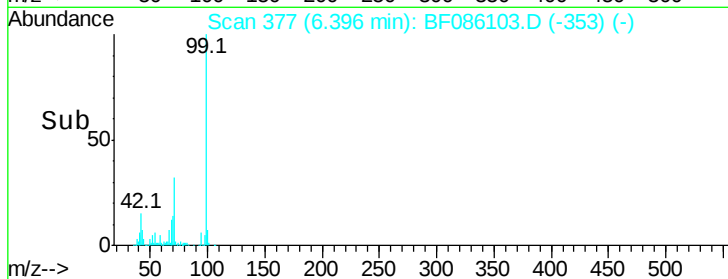
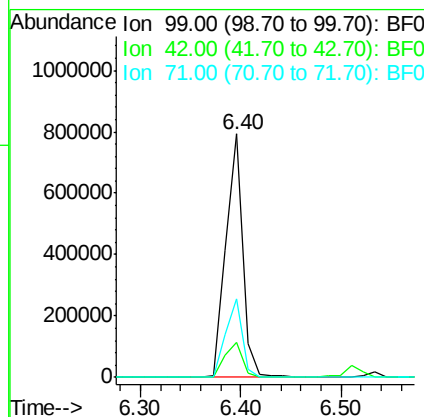
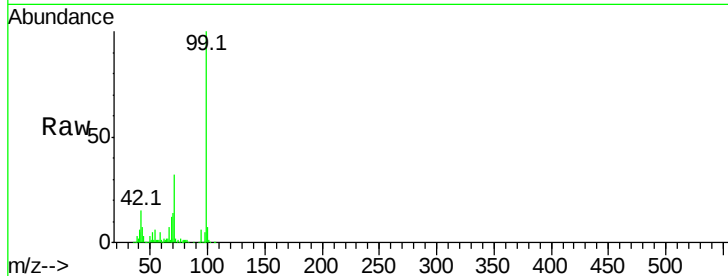
ClientSampleId :

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Tot Ion:	99	Resp:	928429
Ion Ratio	Lower	Upper	
99	100		
42	14.5	11.1	16.7
71	32.3	24.9	37.3

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#8

2-Chlorophenol

Concen: 27.60 ng

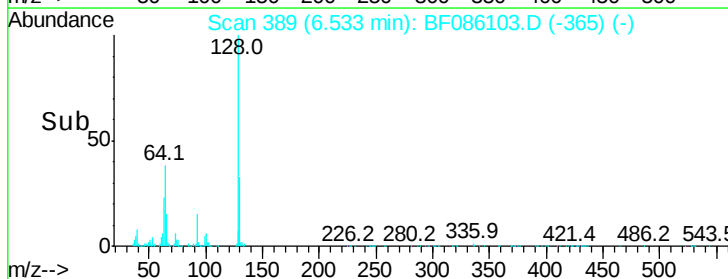
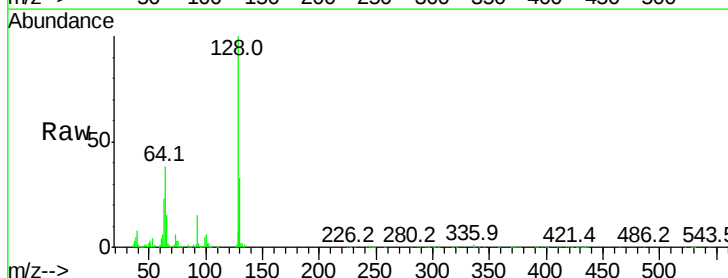
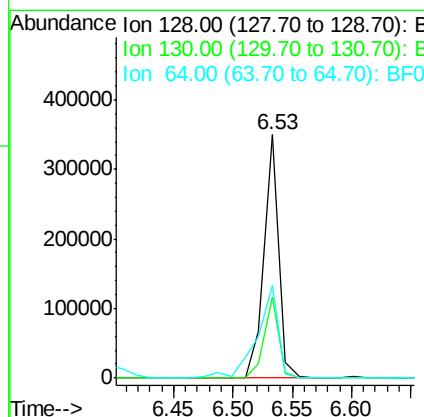
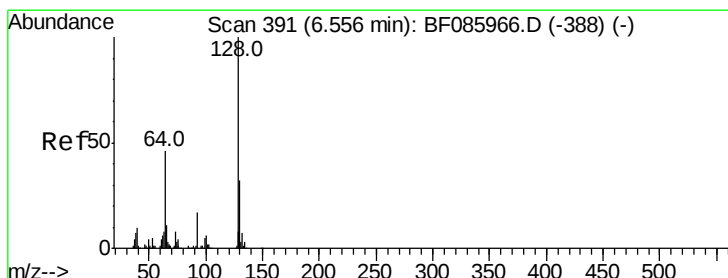
RT: 6.53 min Scan# 389

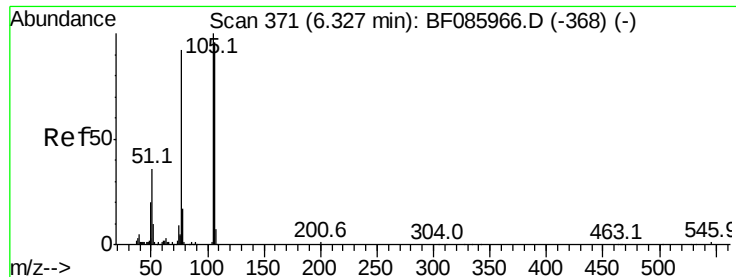
Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	128	Resp:	303857
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	37.9	20.2	60.2





#9

Benzaldehyde

Concen: 17.35 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

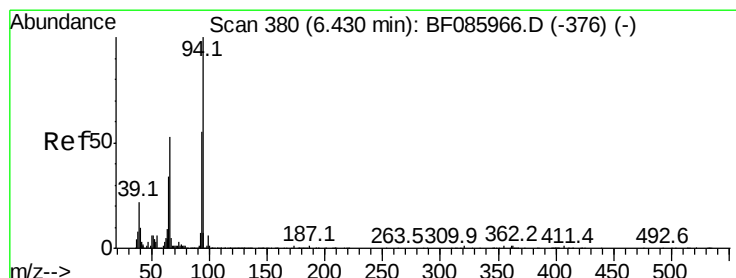
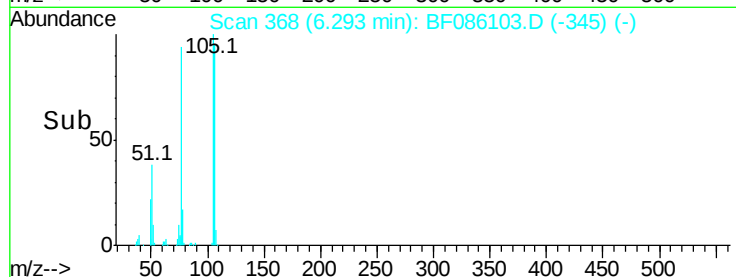
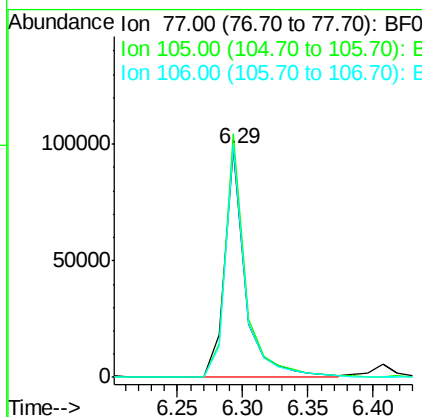
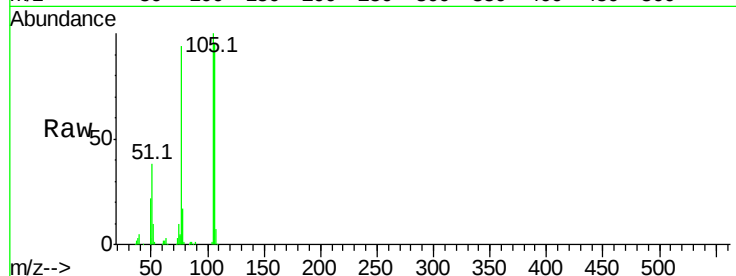
ClientSampleId :

SP-14MS

Tot Ion:	77	Resp:	109462
Ion	Ratio	Lower	Upper
77	100		
105	106.7	80.1	120.1
106	101.8	75.0	115.0

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#10

Phenol

Concen: 28.42 ng

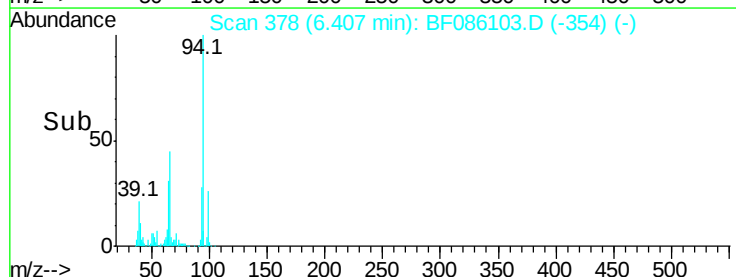
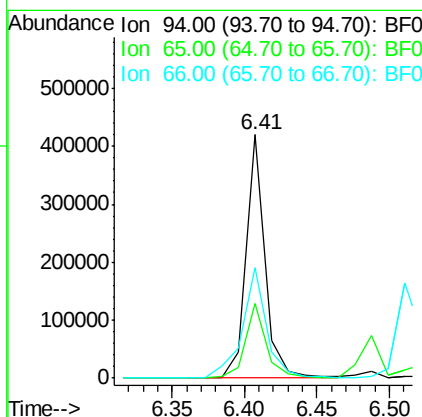
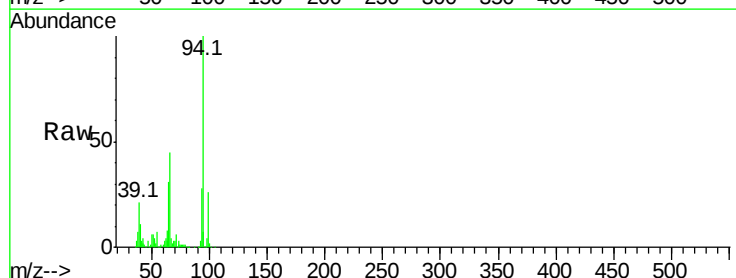
RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	94	Resp:	380093
Ion	Ratio	Lower	Upper
94	100		
65	30.9	8.6	48.6
66	45.2	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 27.07 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

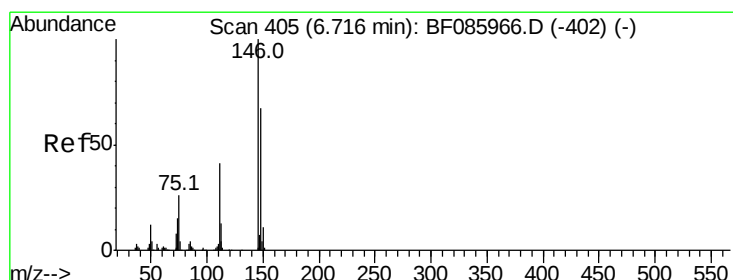
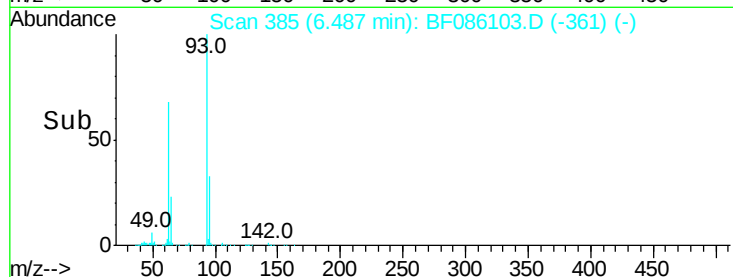
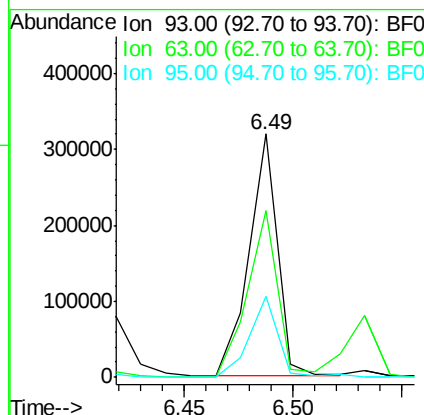
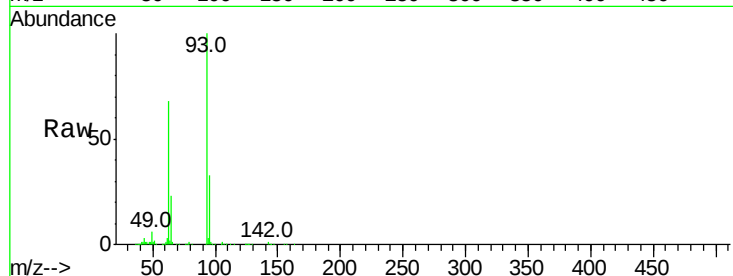
ClientSampleId :

SP-14MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.3	50.9	90.9
95	33.2	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 26.65 ng

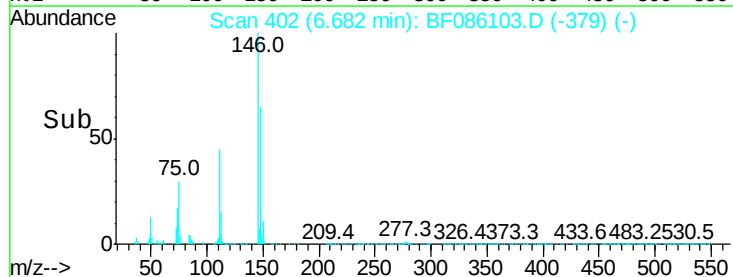
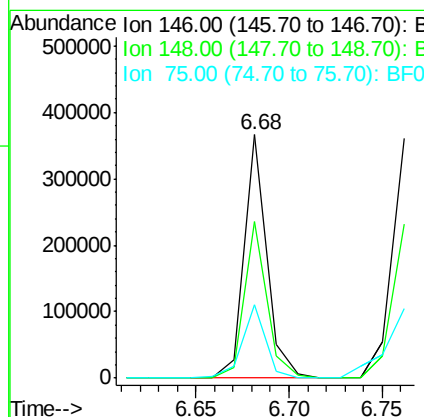
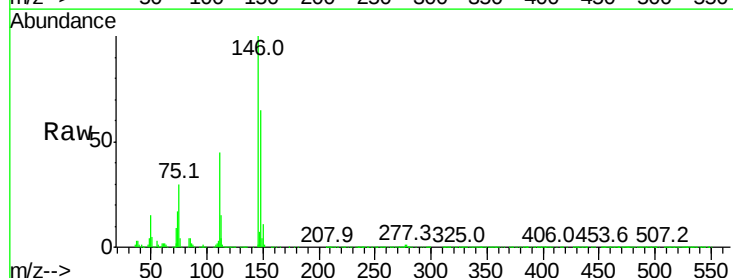
RT: 6.68 min Scan# 402

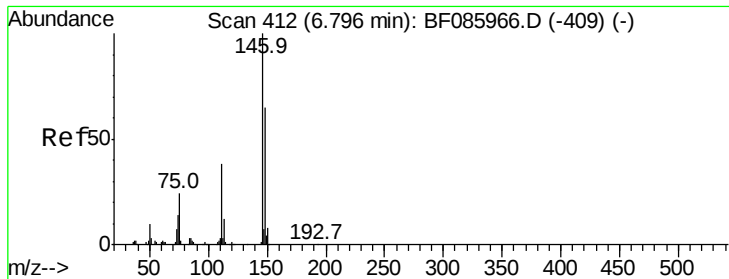
Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
75	30.0	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 26.67 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

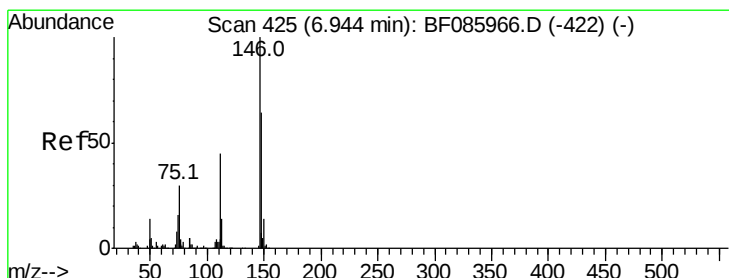
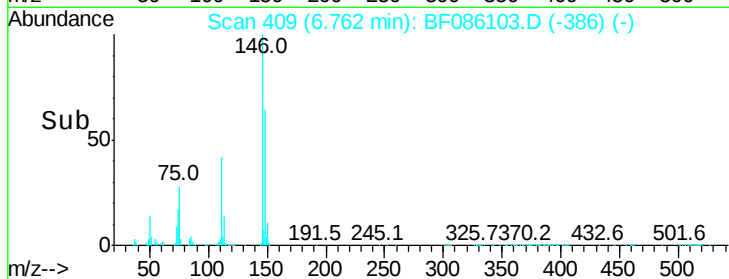
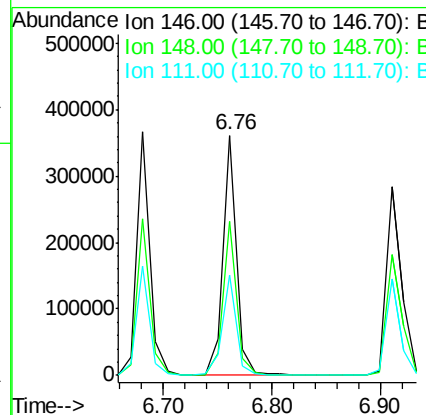
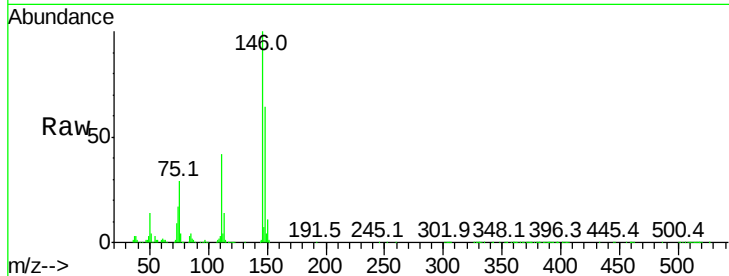
ClientSampleID :

SP-14MS

Tot Ion:	146	Resp:	320550
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	76.0
111	41.8	37.8	56.6

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4/7/2016 8:59:04 AM



#14

1,2-Dichlorobenzene

Concen: 25.40 ng

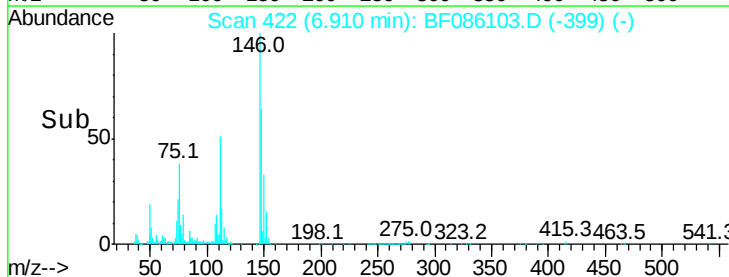
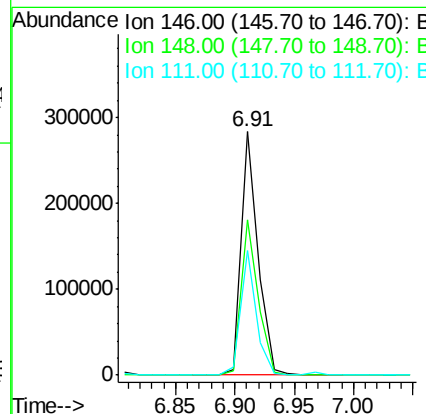
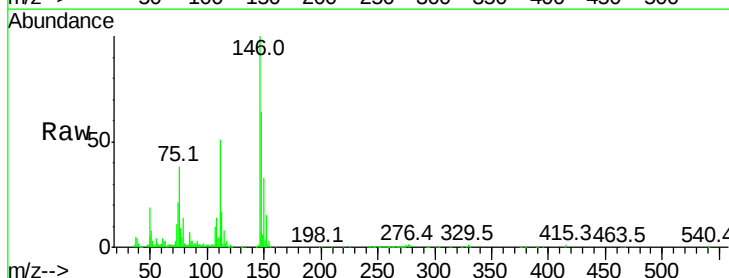
RT: 6.91 min Scan# 422

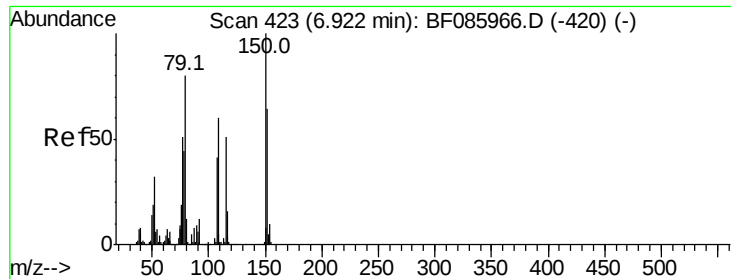
Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	146	Resp:	281018
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.2
111	51.0	34.6	52.0





#15

Benzyl Alcohol

Concen: 28.71 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

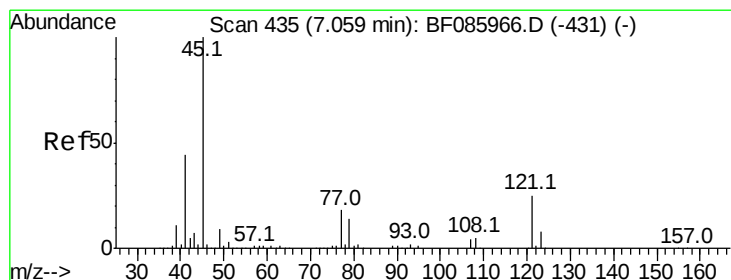
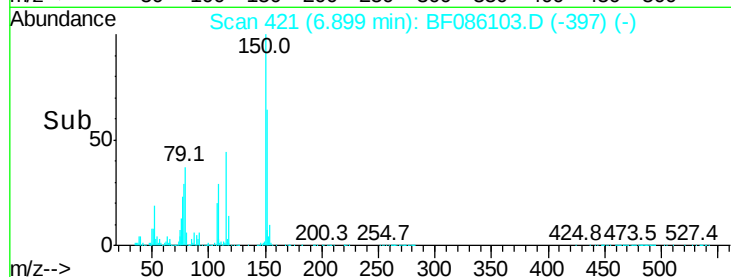
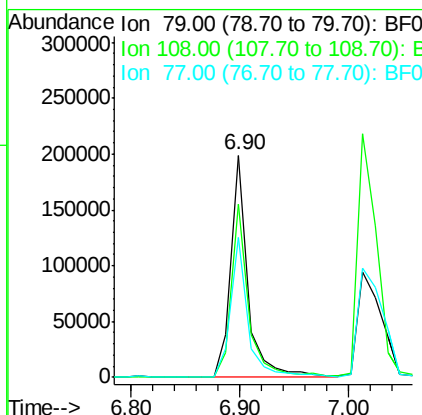
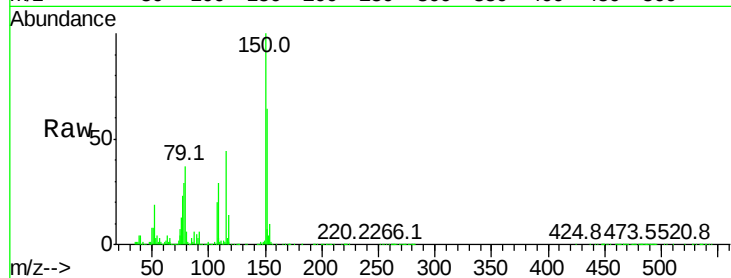
ClientSampled :

SP-14MS

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Tot Ion	79	Resp	217775
Ion Ratio	Lower	Upper	
79	100		
108	78.3	61.8	92.6
77	62.8	49.6	74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.14 ng

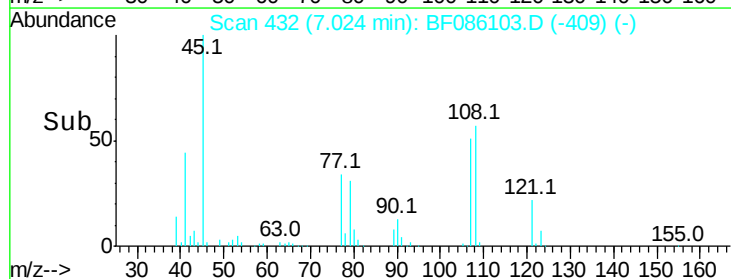
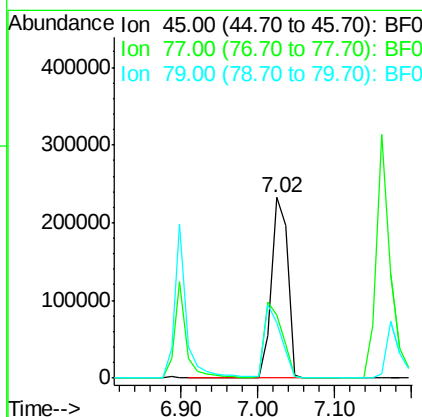
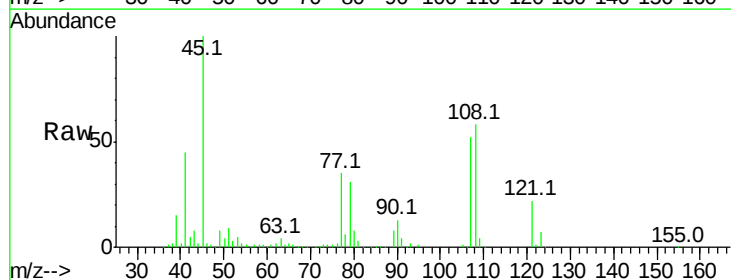
RT: 7.02 min Scan# 432

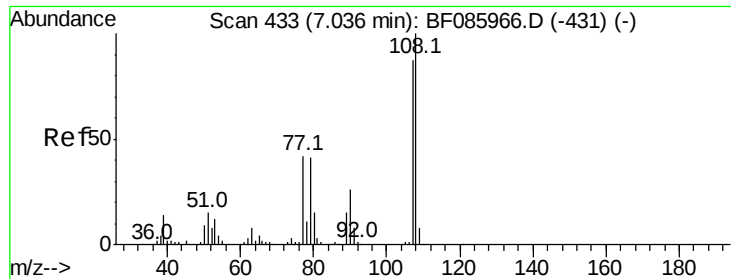
Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion	45	Resp	338206
Ion Ratio	Lower	Upper	
45	100		
77	34.8	0.0	35.7
79	30.8	0.0	32.2





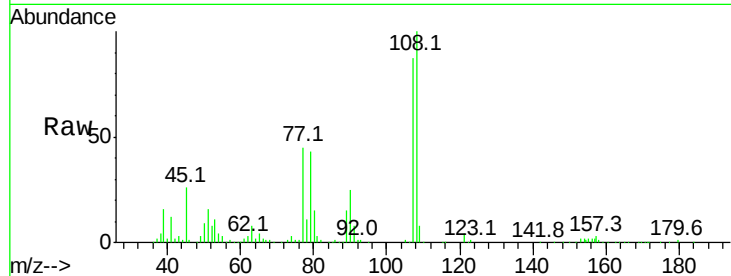
#17
2-Methylphenol
Concen: 26.47 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	115.6	91.4	137.0		
77	51.7	36.2	54.2		
79	49.9	35.8	53.8		

Manual Integrations
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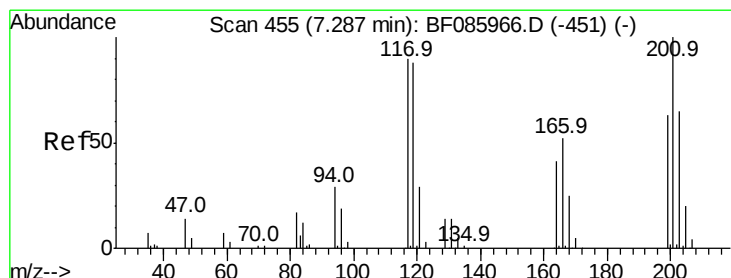
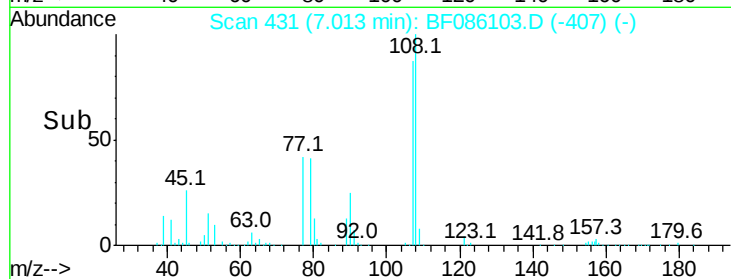
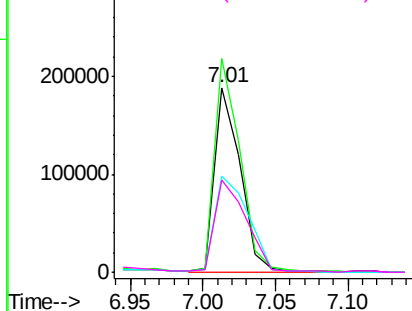
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

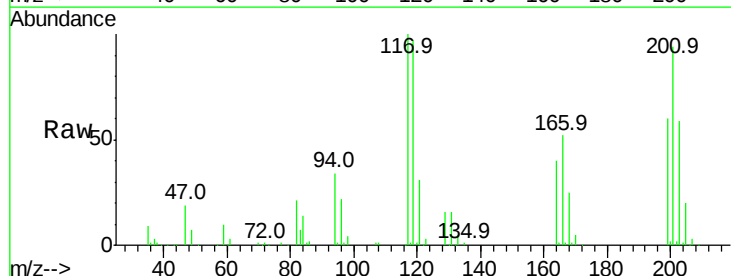
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 26.03 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.2	76.7	115.1		
201	94.0	83.3	124.9		

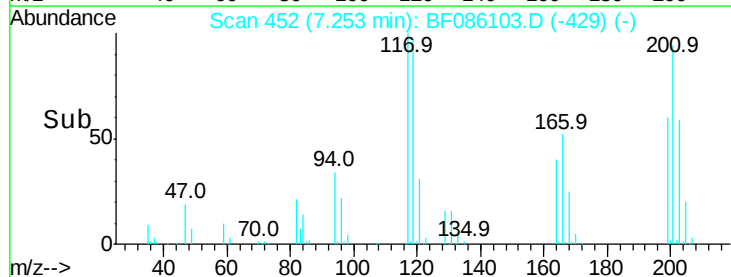
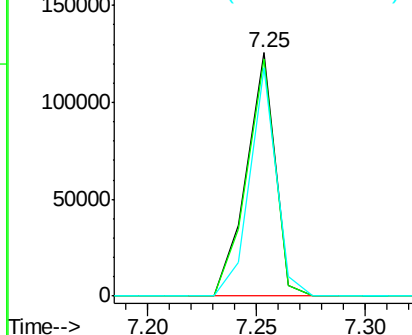


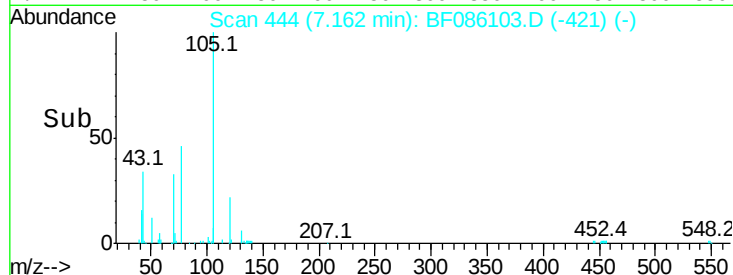
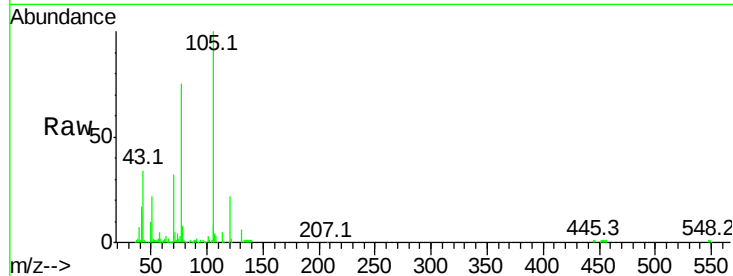
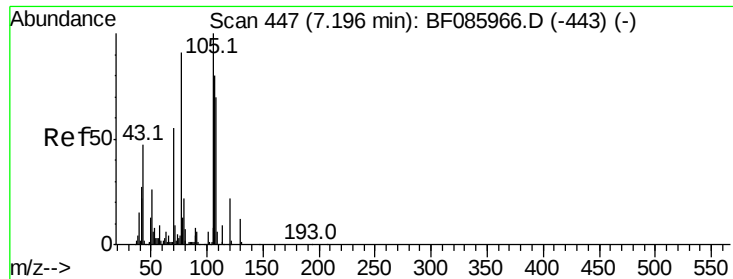
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





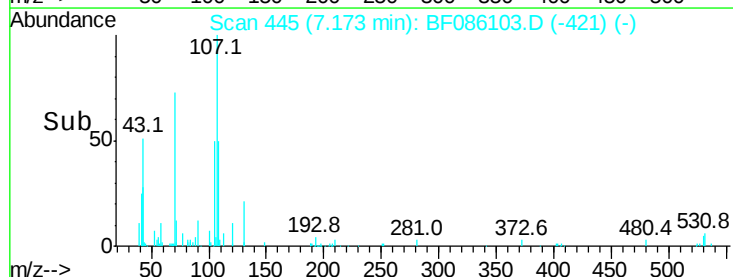
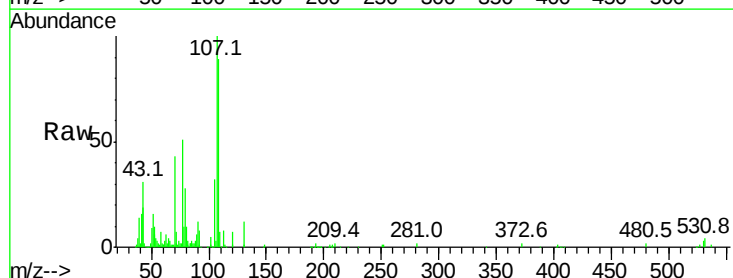
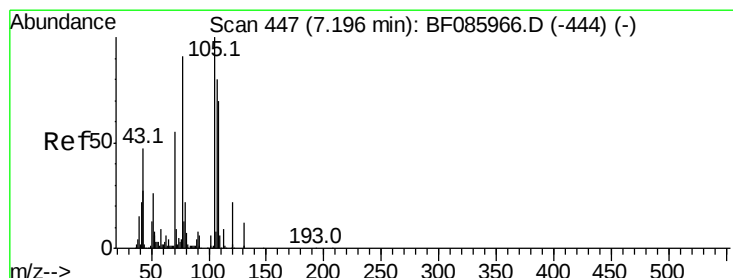
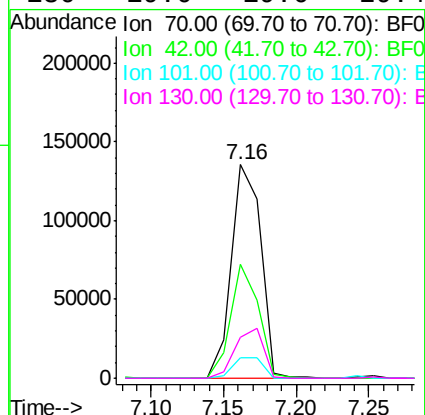
#19
n-Nitroso-di-n-propylamine
Concen: 26.31 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.4	37.1	55.7	
101	9.6	8.6	12.8	
130	19.0	19.6	29.4	

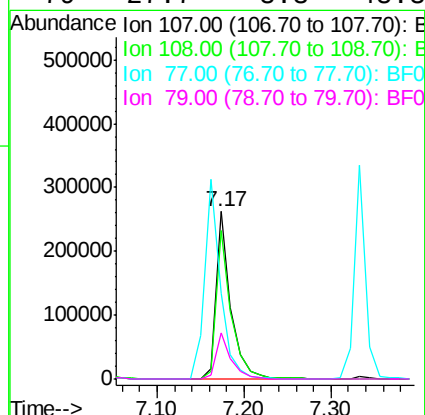
Manual Integrations
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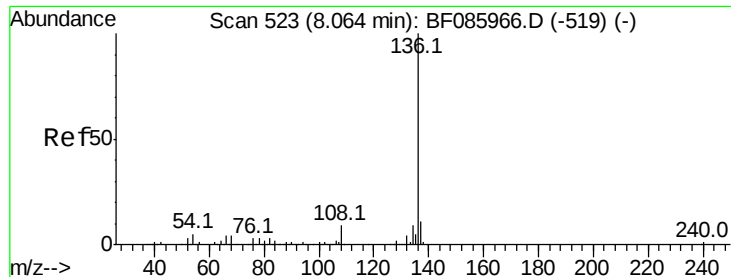
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#20
3+4-Methylphenols
Concen: 29.36 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	69.3	109.3	
77	51.4	101.7	141.7	
79	27.7	8.3	48.3	





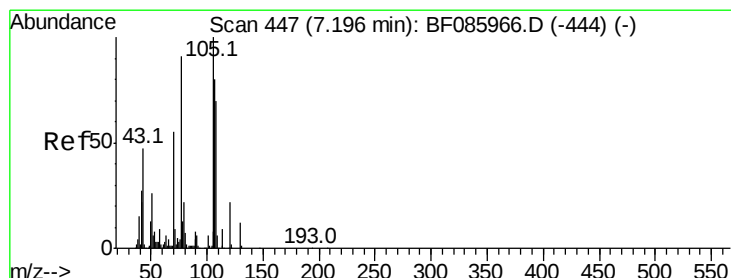
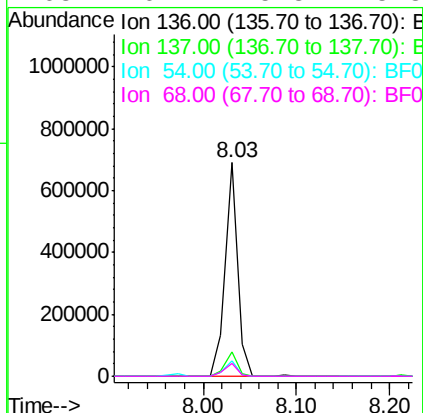
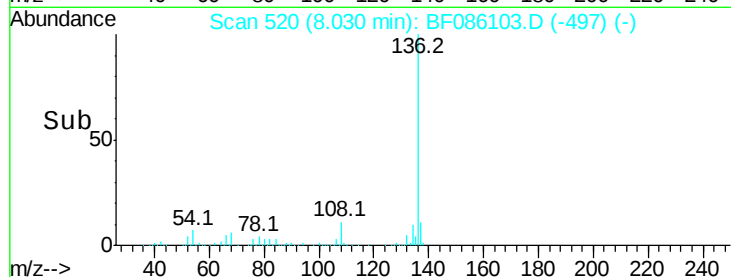
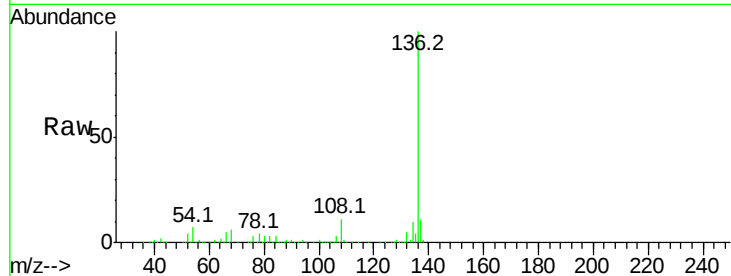
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	7.4	7.4	11.0	
68	6.1	5.8	8.8	

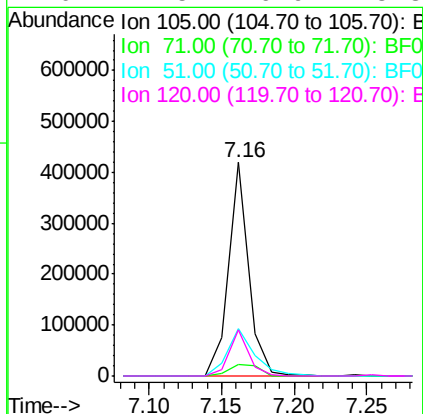
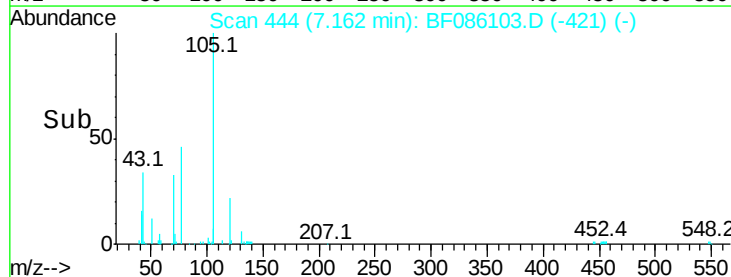
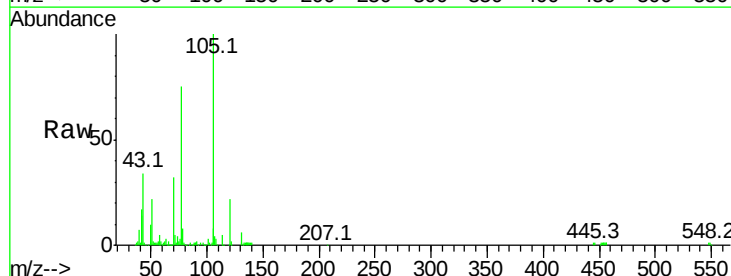
Manual Integrations
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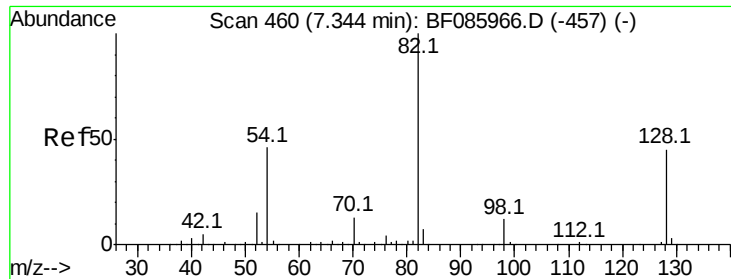
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#22
Acetophenone
Concen: 26.96 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	3.6	5.4#	
51	22.1	25.4	38.0#	
120	21.5	16.9	25.3	





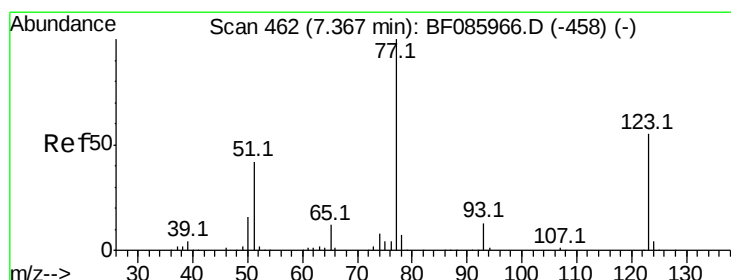
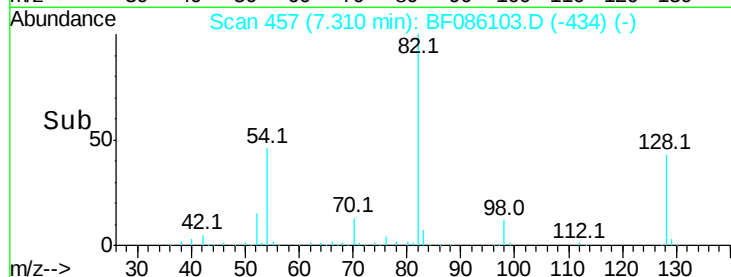
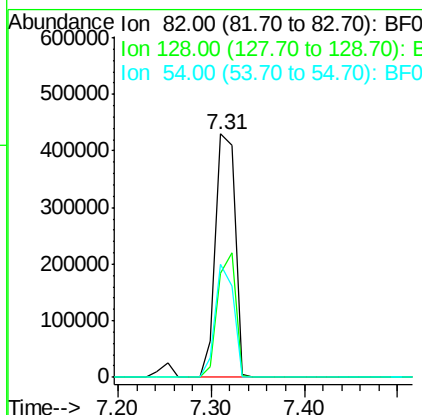
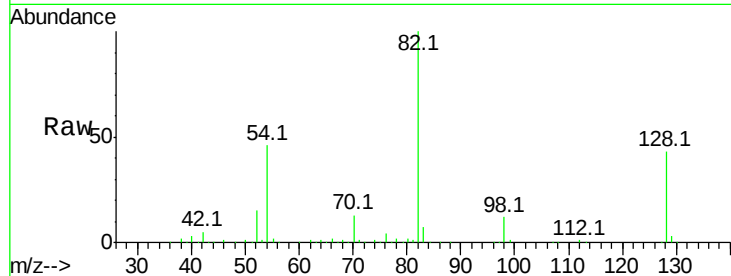
#23
 Nitrobenzene-d5
 Concen: 57.76 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	41.8	62.8
54	46.4	33.4	50.0

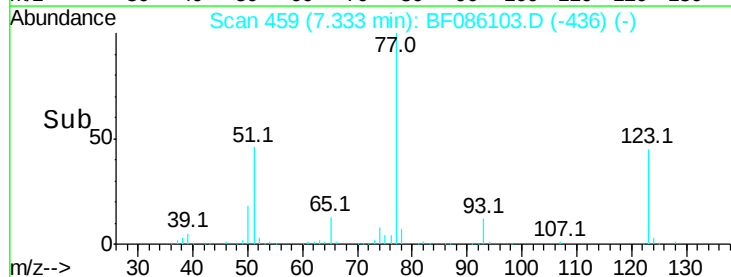
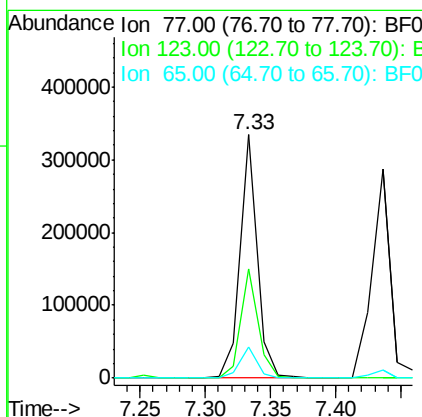
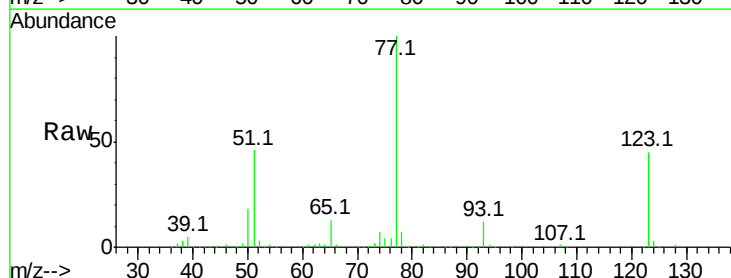
Manual Integrations
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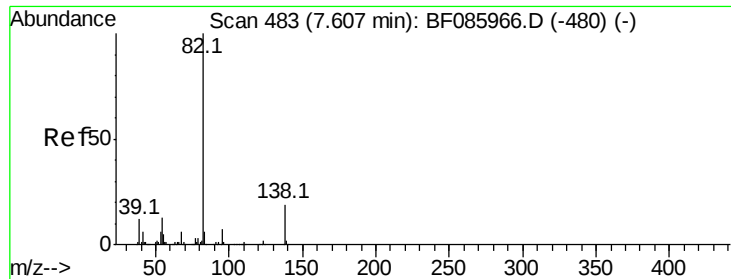
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#24
 Nitrobenzene
 Concen: 25.34 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.0	52.4
65	12.8	10.6	16.0





#25

Isophorone

Concen: 26.19 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

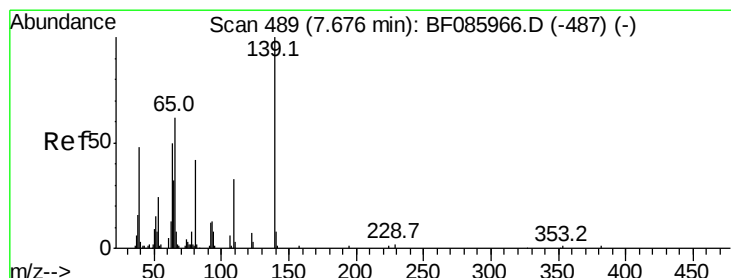
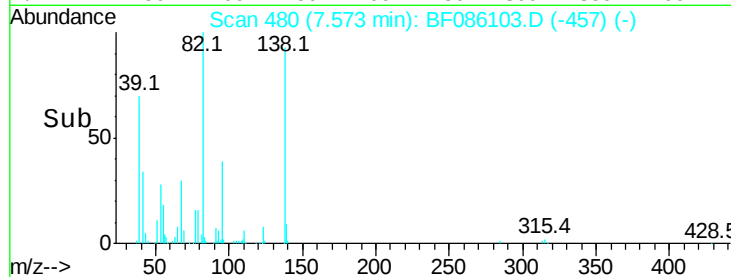
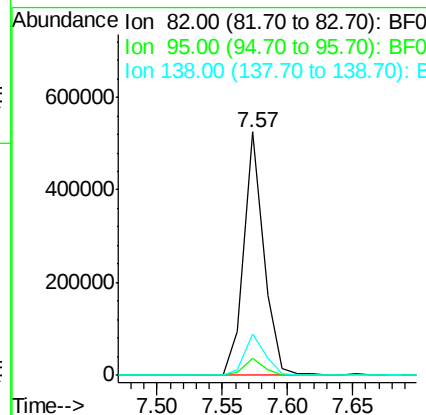
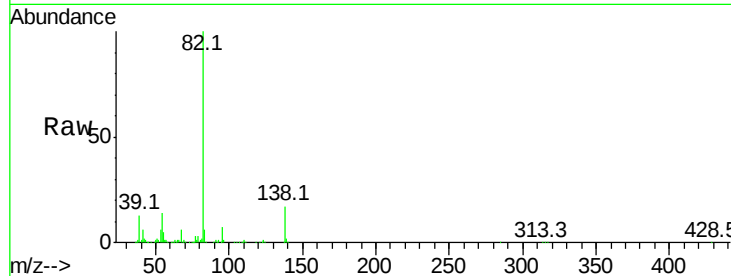
ClientSampleId :

SP-14MS

Tot Ion:	82	Resp:	561862
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	16.8	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.49 ng

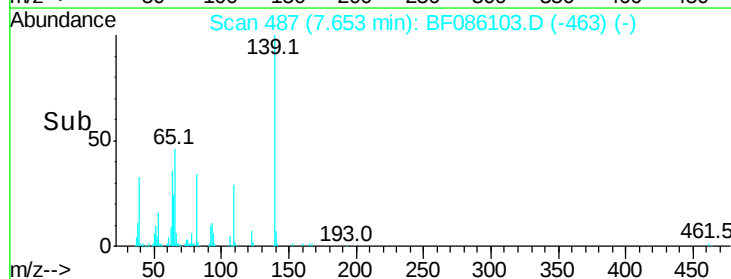
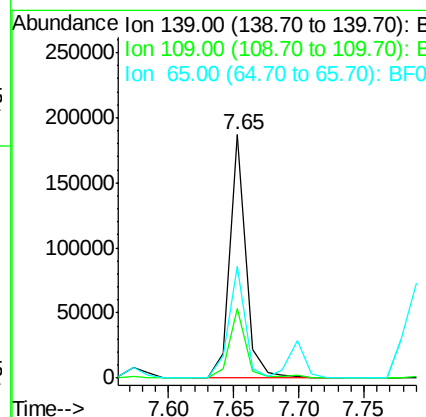
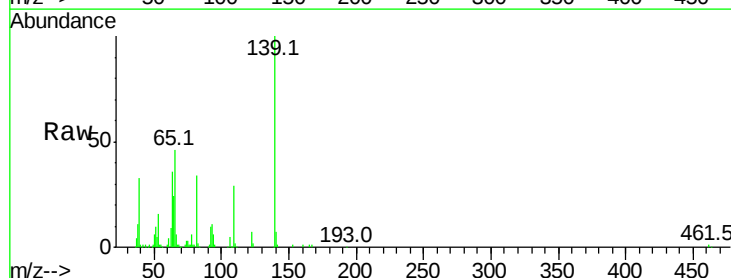
RT: 7.65 min Scan# 487

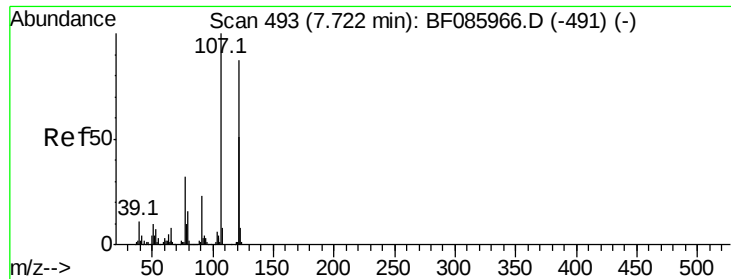
Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	139	Resp:	162064
Ion Ratio	Lower	Upper	
139	100		
109	28.6	22.1	33.1
65	45.7	33.9	50.9





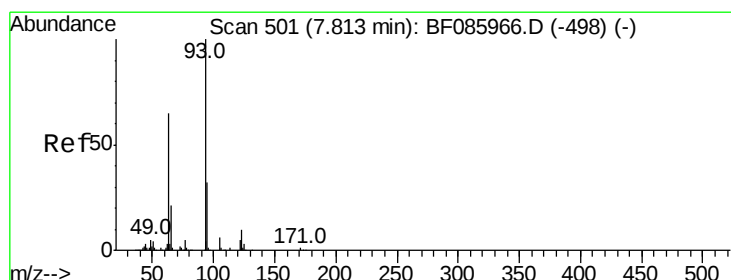
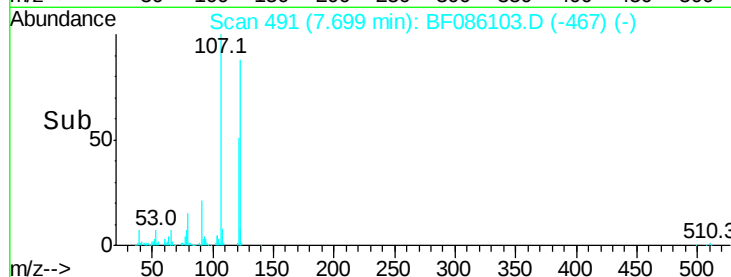
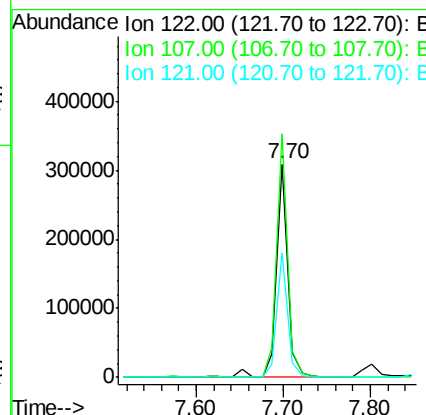
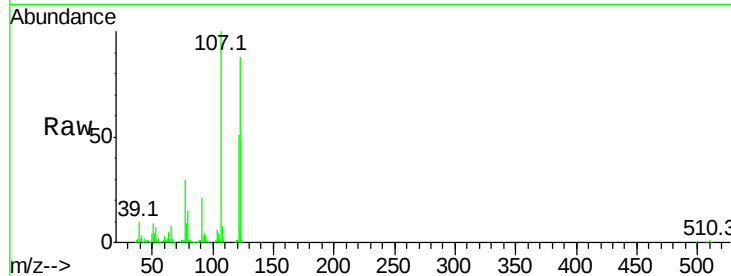
#27
2,4-Dimethylphenol
Concen: 27.35 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	279488		
107	114.3	93.0	139.6	
121	58.4	45.9	68.9	

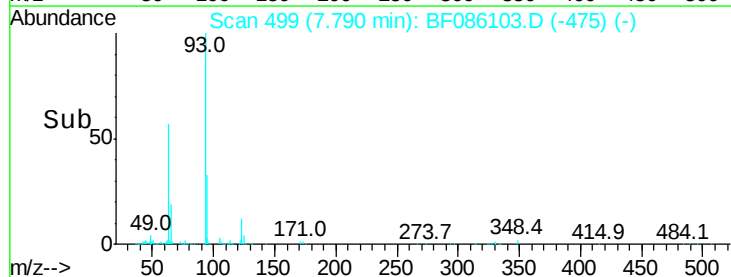
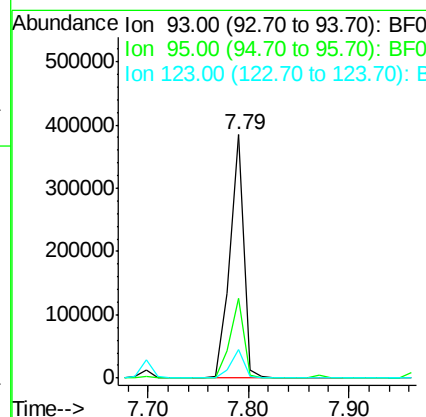
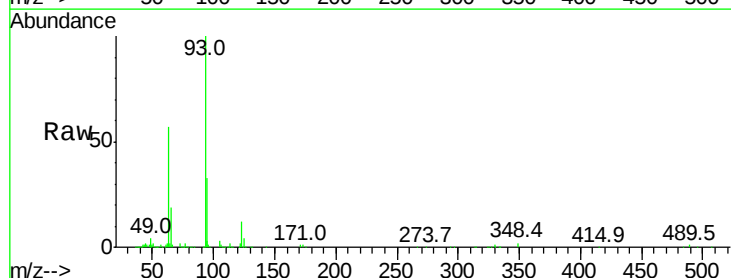
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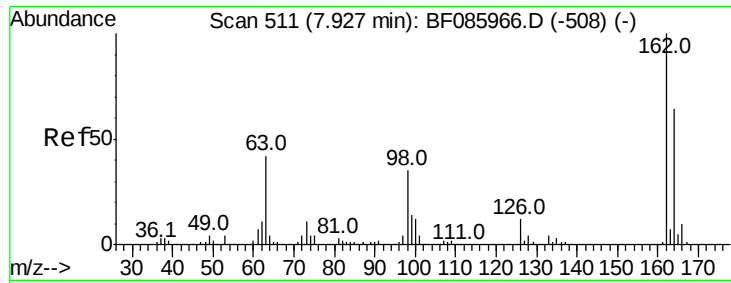
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#28
bis(2-Chloroethoxy)methane
Concen: 29.30 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	368877		
95	32.7	26.4	39.6	
123	11.5	9.8	14.6	





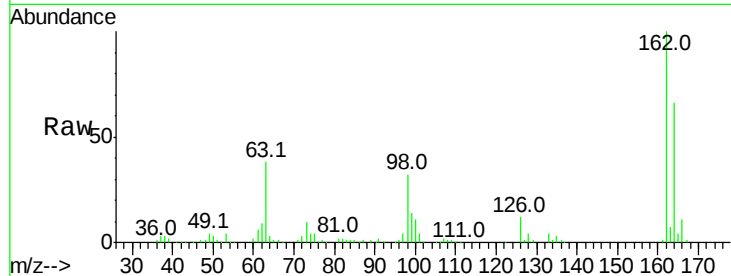
#29
 2,4-Dichlorophenol
 Concen: 25.92 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

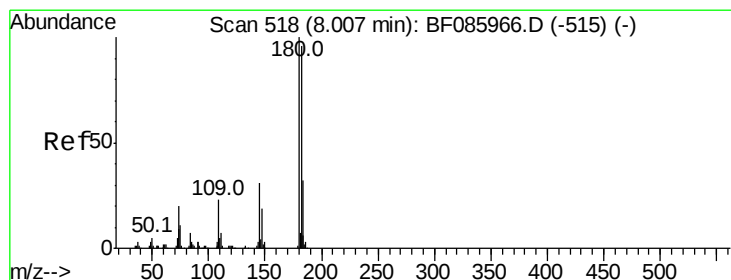
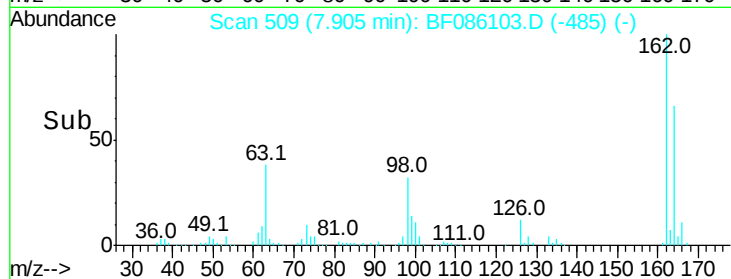
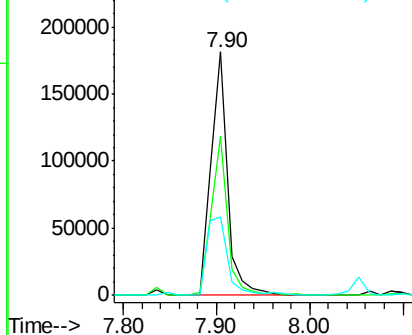
Tot Ion:	162	Resp:	223852
Ion Ratio	Lower	Upper	
162	100		
164	65.6	43.7	83.7
98	32.2	20.4	60.4

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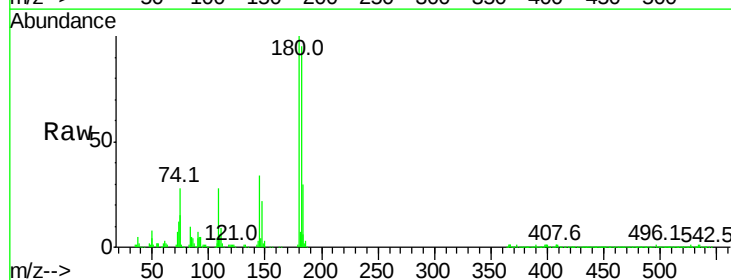


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

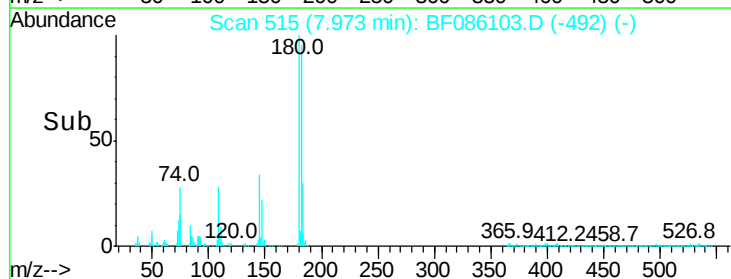
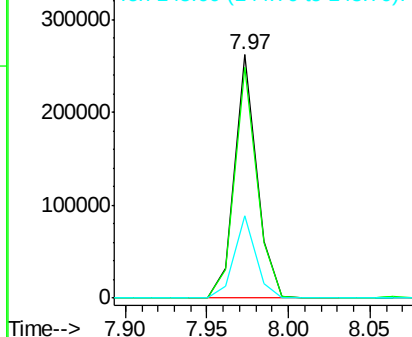


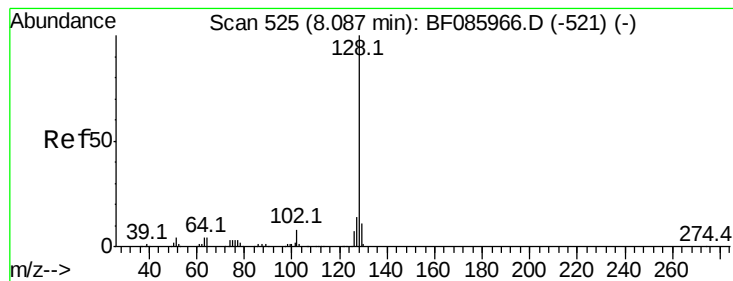
#30
 1,2,4-Trichlorobenzene
 Concen: 25.29 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion:	180	Resp:	245179
Ion Ratio	Lower	Upper	
180	100		
182	94.9	73.8	110.8
145	34.0	28.4	42.6



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





#31

Naphthalene

Concen: 26.57 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

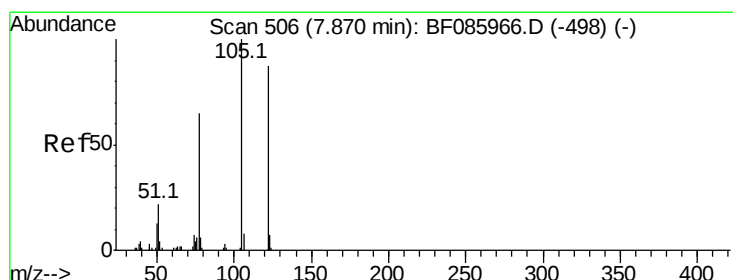
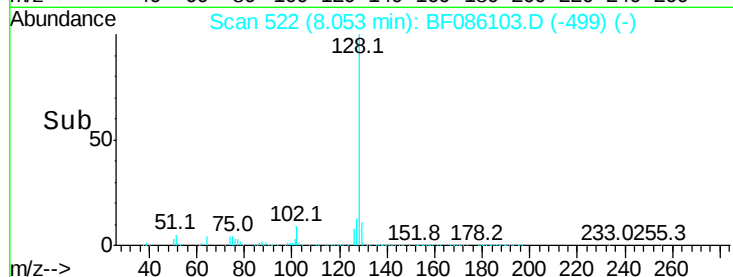
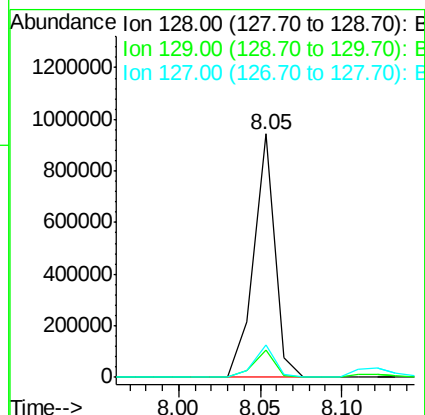
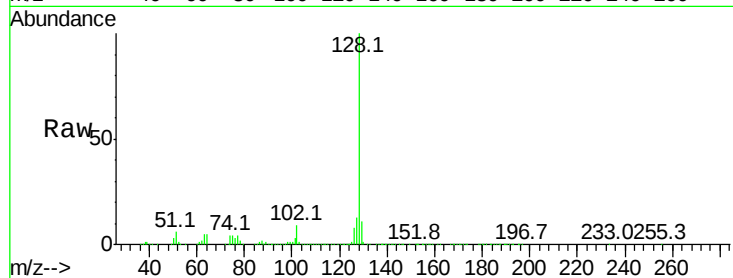
ClientSampleId :

SP-14MS

Tot Ion:	128	Resp:	856694
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.4	14.0
127	13.5	11.0	16.6

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#32

Benzoic acid

Concen: 3.96 ng

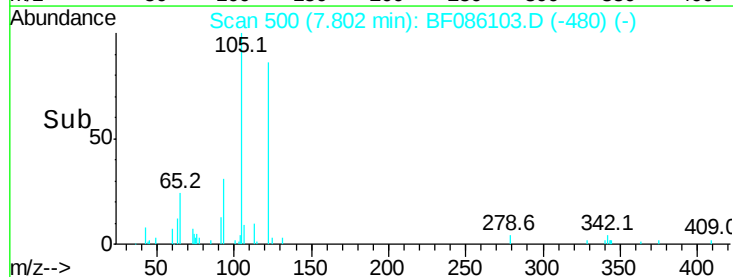
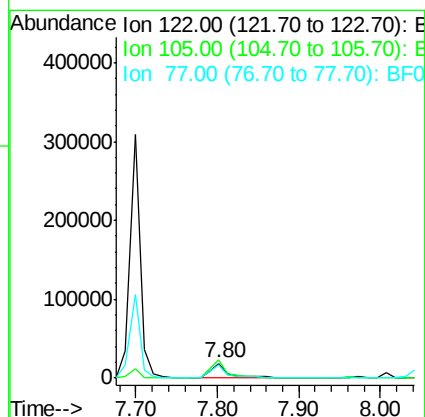
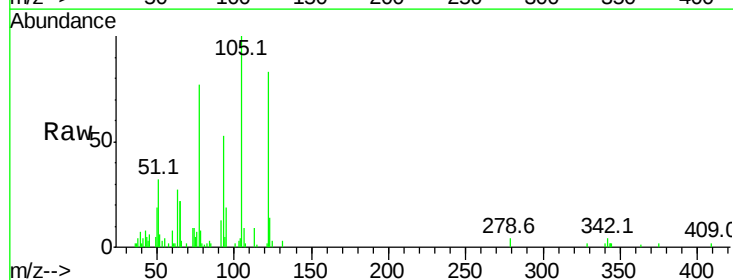
RT: 7.80 min Scan# 500

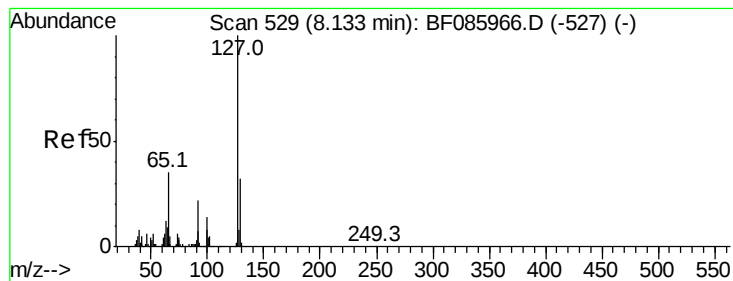
Delta R.T. -0.07 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	122	Resp:	29716
Ion Ratio	Lower	Upper	
122	100		
105	120.1	102.9	142.9
77	92.6	71.8	111.8





#33

4-Chloroaniline

Concen: 5.09 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

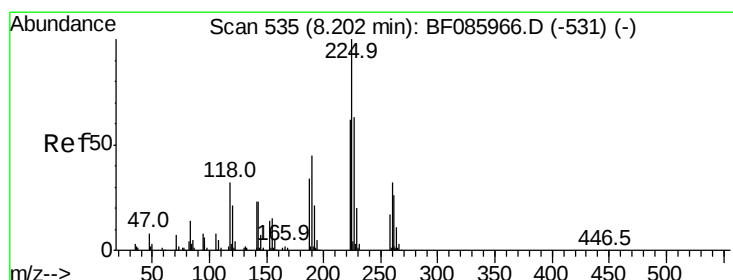
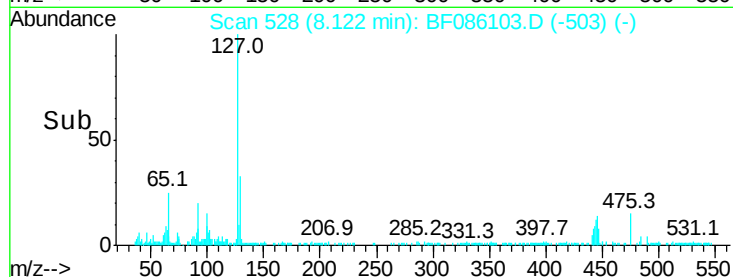
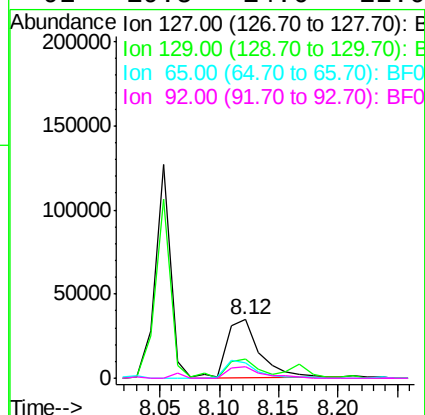
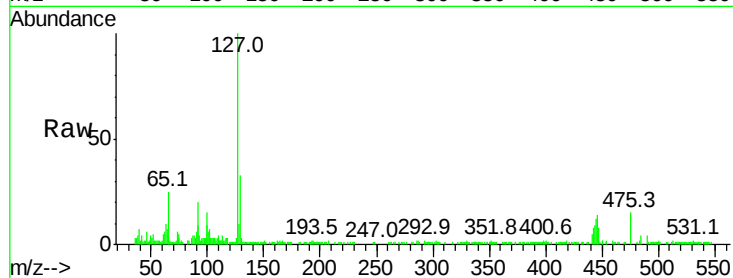
ClientSampleId :

SP-14MS

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Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.1	39.1	
65	25.3	19.5	29.3	
92	19.5	14.6	22.0	



#34

Hexachlorobutadiene

Concen: 23.13 ng

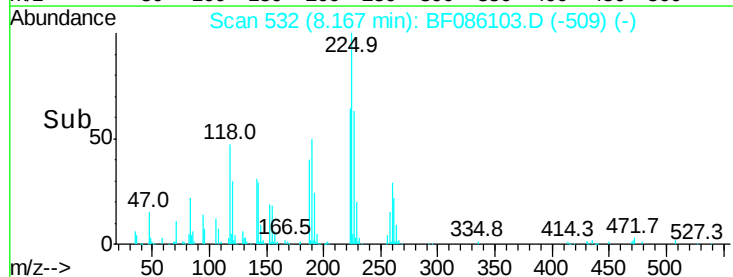
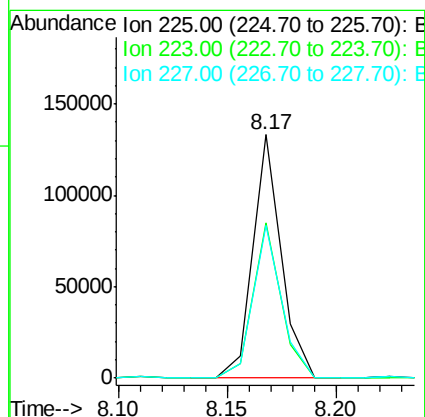
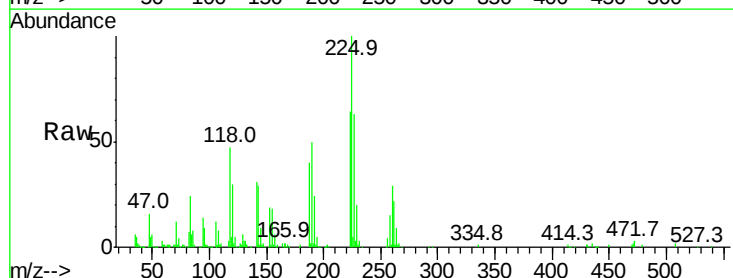
RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.4	75.6	
227	62.6	51.4	77.2	





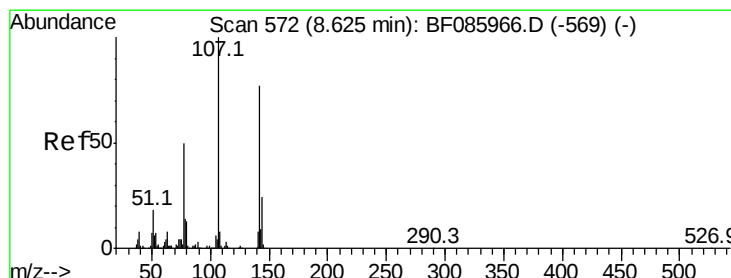
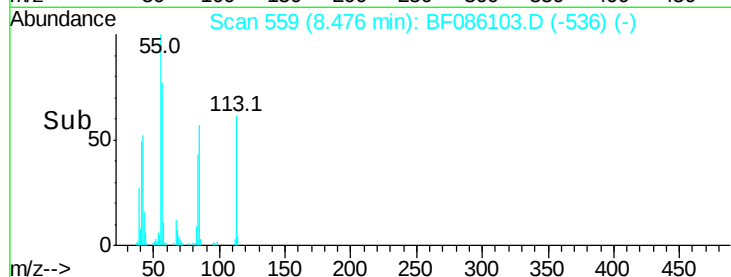
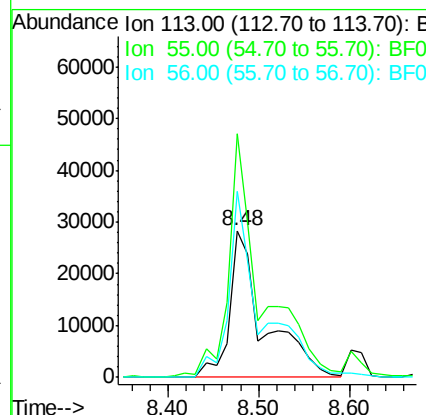
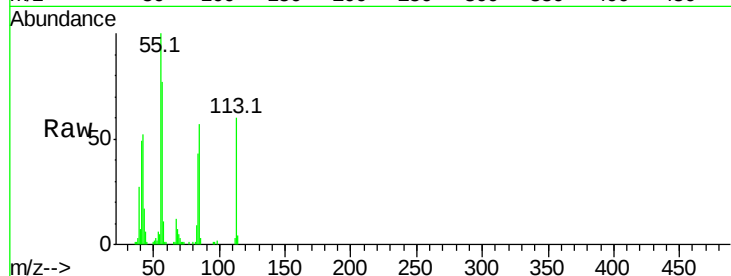
#35
Caprolactam
Concen: 27.53 ng/ml
RT: 8.48 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.3	139.4	179.4
56	127.4	100.4	140.4

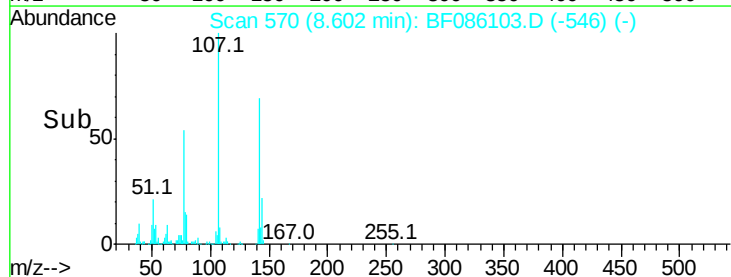
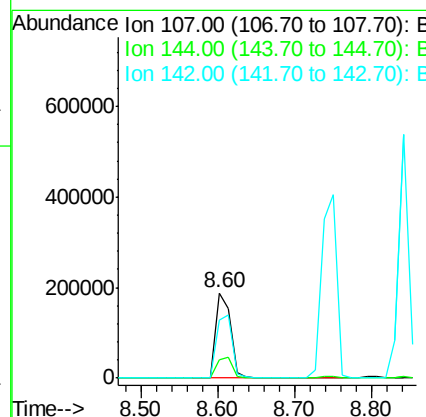
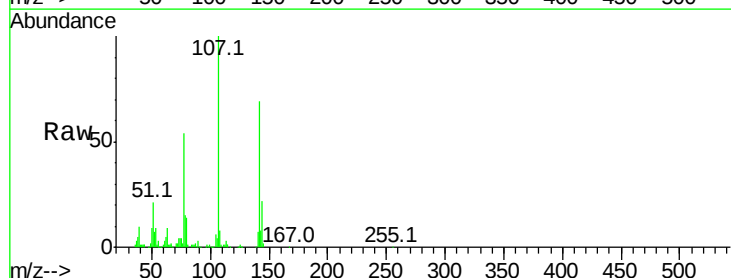
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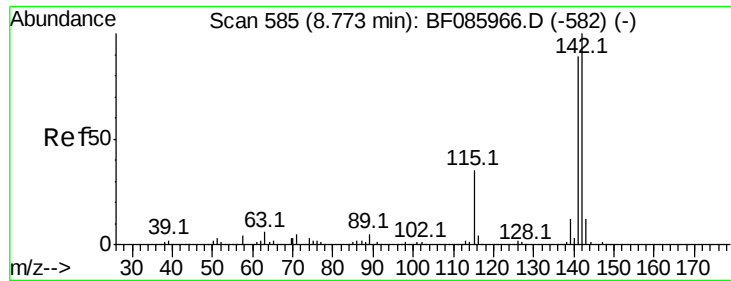
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#36
4-Chloro-3-methylphenol
Concen: 25.74 ng/ml
RT: 8.60 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	19.3	28.9
142	68.6	61.4	92.0





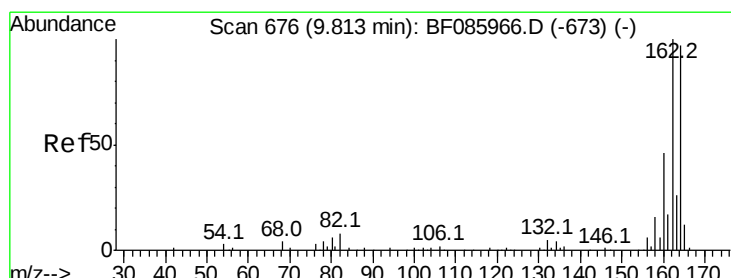
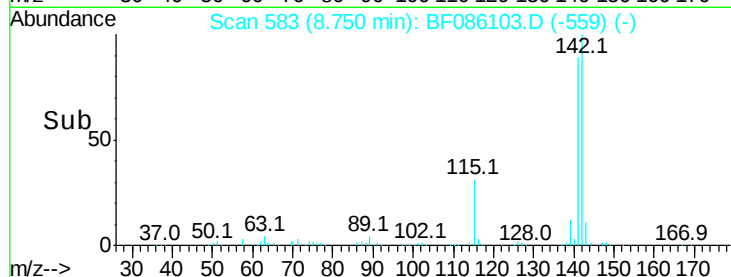
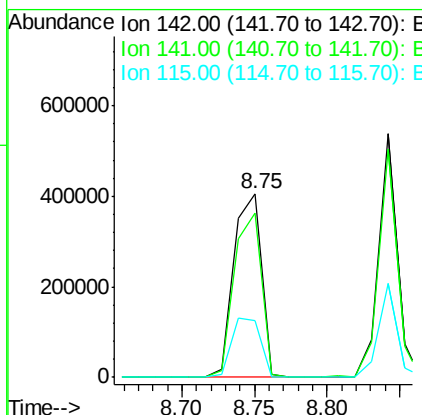
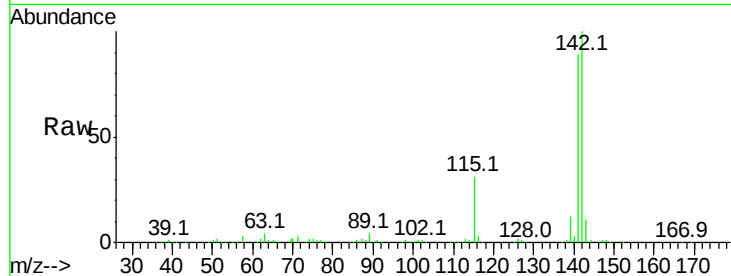
#37
2-Methylnaphthalene
Concen: 25.52 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	30.9	26.8	40.2

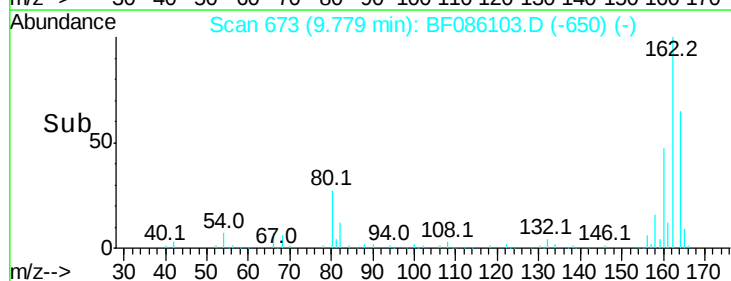
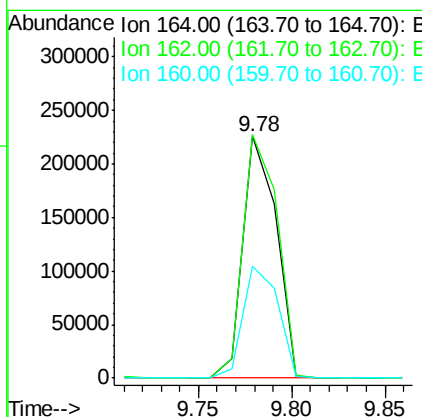
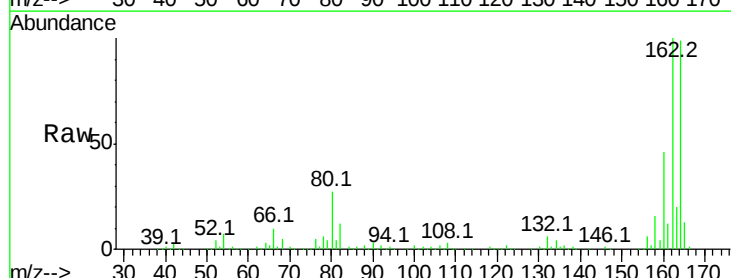
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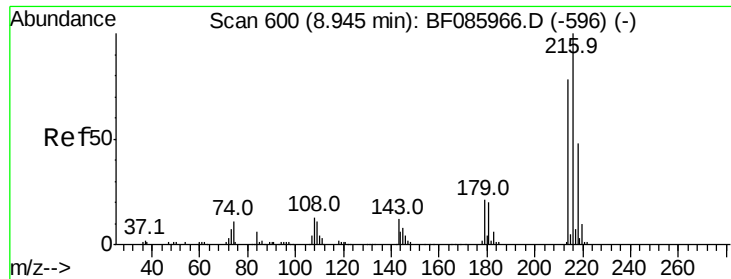
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.1	123.1
160	46.3	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.93 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

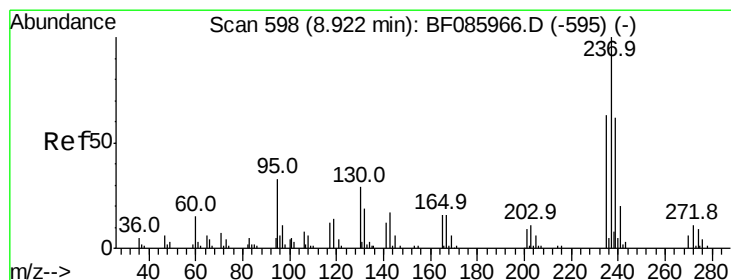
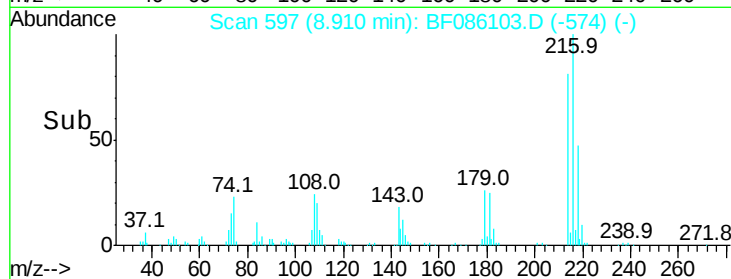
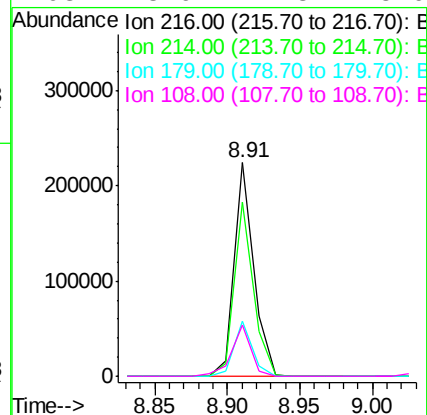
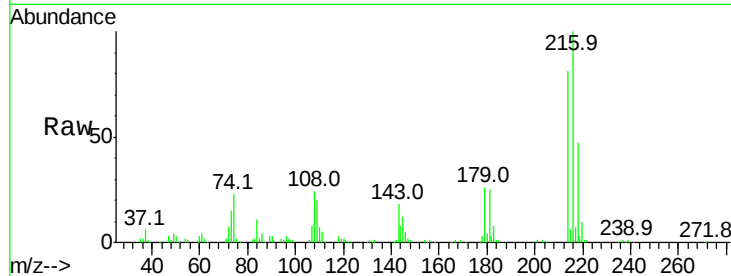
ClientSampleId :

SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	209819		
214	80.2	63.1	94.7	
179	24.0	18.2	27.2	
108	23.9	17.3	25.9	

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#40

Hexachlorocyclopentadiene

Concen: 44.65 ng

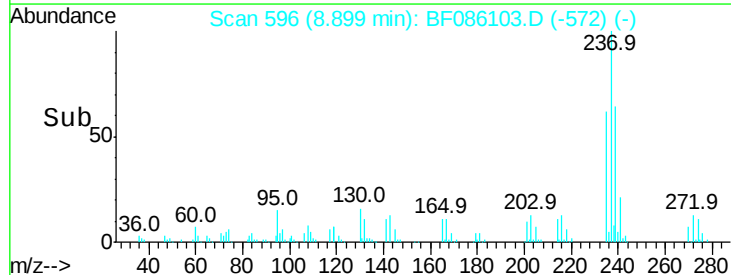
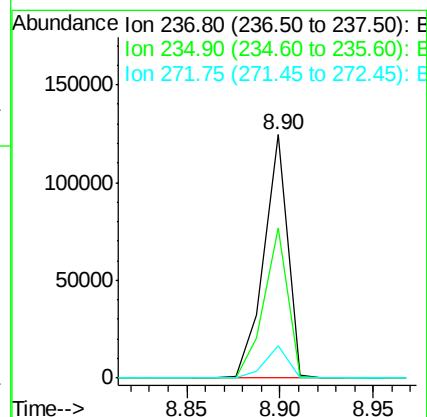
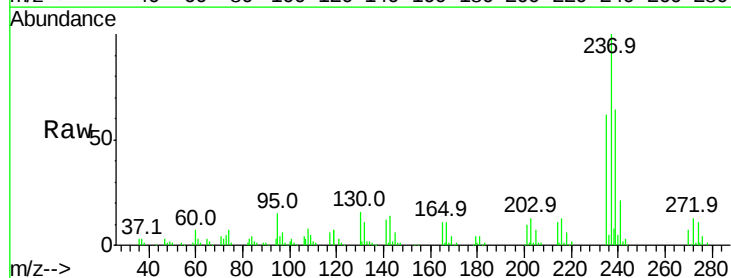
RT: 8.90 min Scan# 596

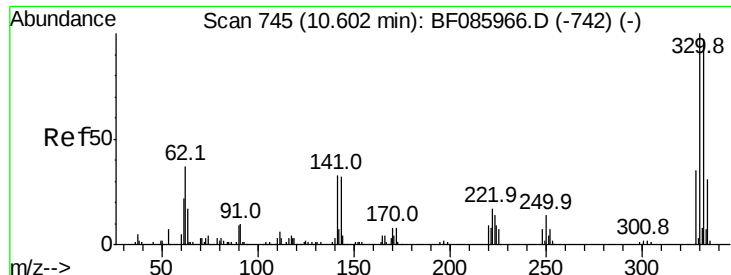
Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	108950		
235	61.5	43.7	83.7	
272	13.2	0.0	31.9	





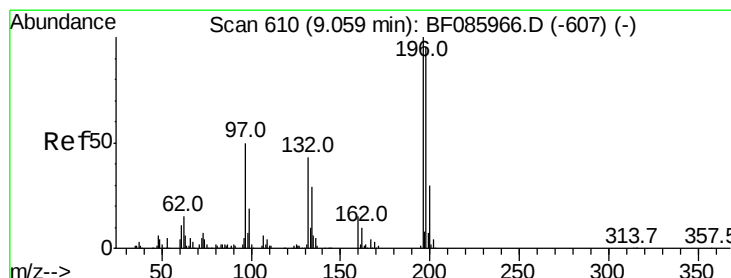
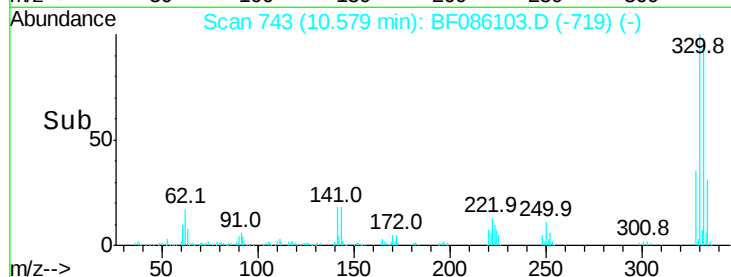
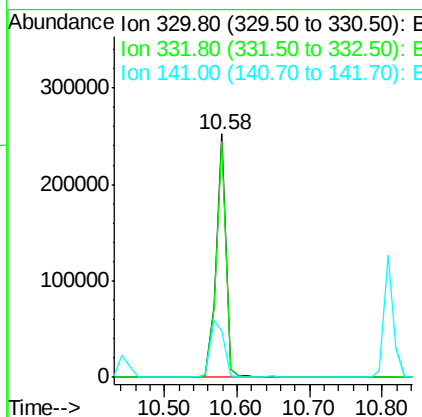
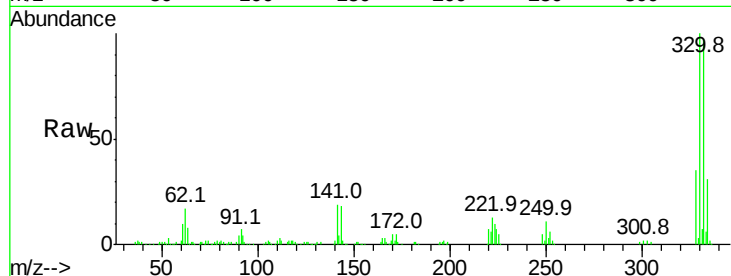
#41
 2,4,6-Tribromophenol
 Concen: 89.95 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	236378		
332	96.6	78.2	117.2	
141	33.3	31.5	47.3	

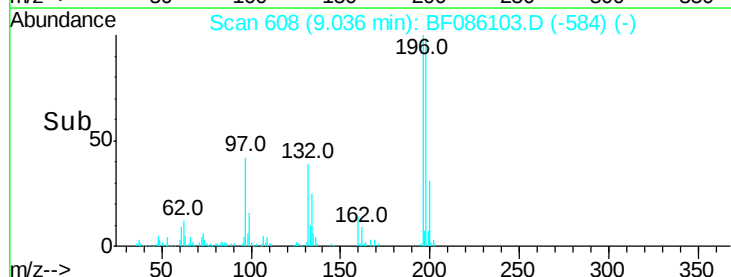
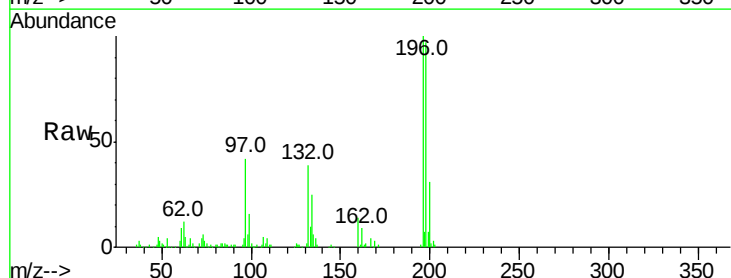
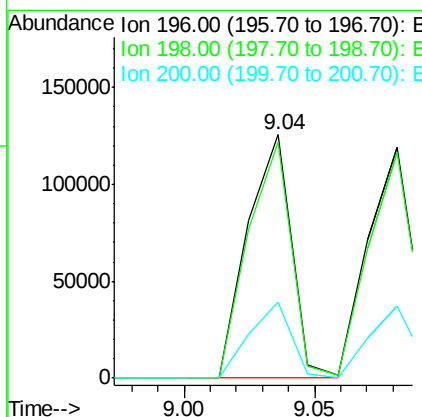
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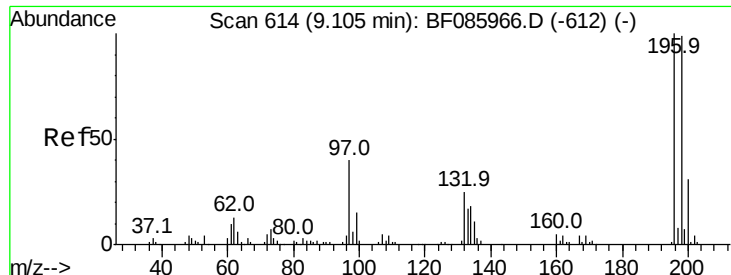
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#42
 2,4,6-Trichlorophenol
 Concen: 27.33 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	147714		
198	97.0	75.3	112.9	
200	31.1	23.7	35.5	





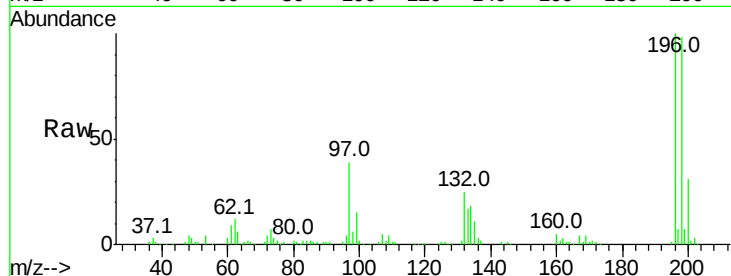
#43
 2,4,5-Trichlorophenol
 Concen: 26.74 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Tot Ion	196	Resp	146734
Ion Ratio	Lower	Upper	
196	100		
198	98.0	76.6	114.8
97	39.2	30.5	45.7
132	24.8	20.2	30.2

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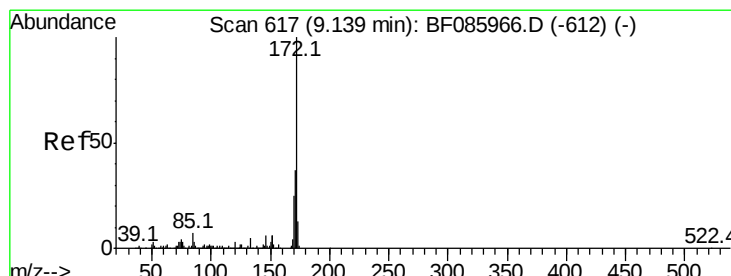
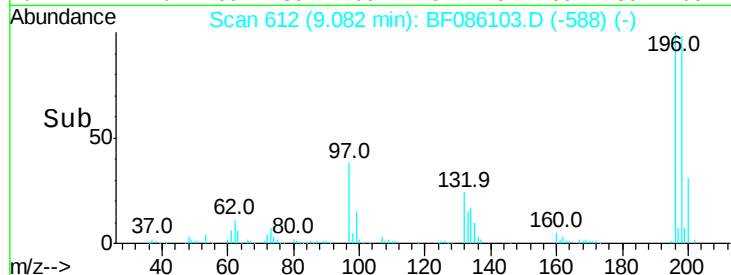
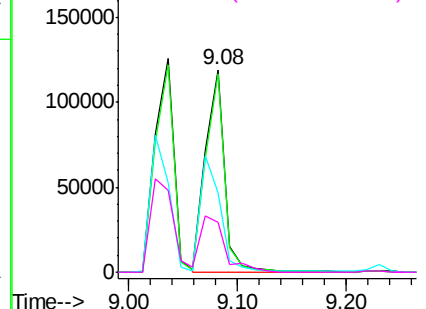
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 56.25 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

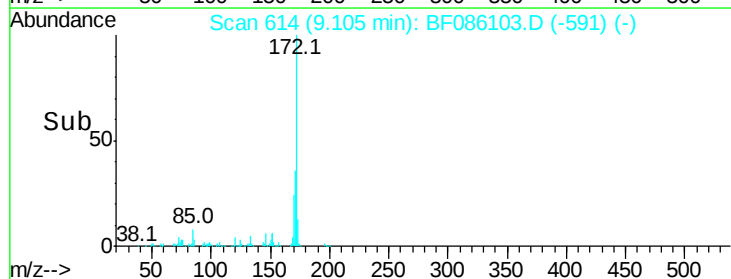
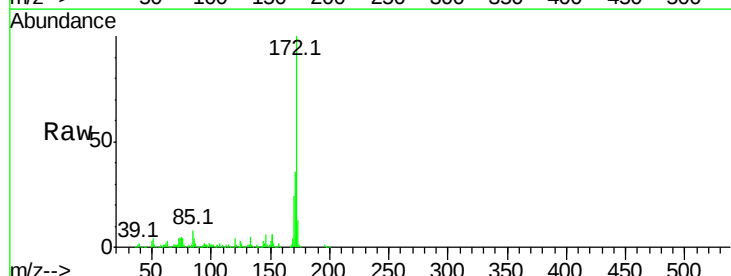
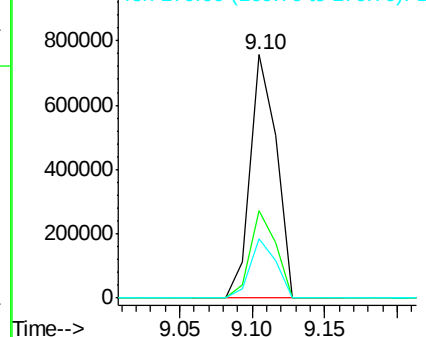
Tgt Ion	172	Resp	947261
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.2
170	24.3	19.8	29.6

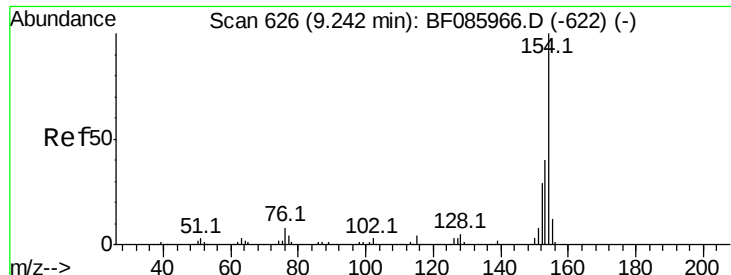
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





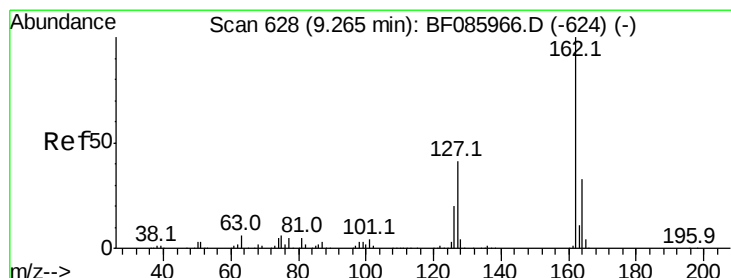
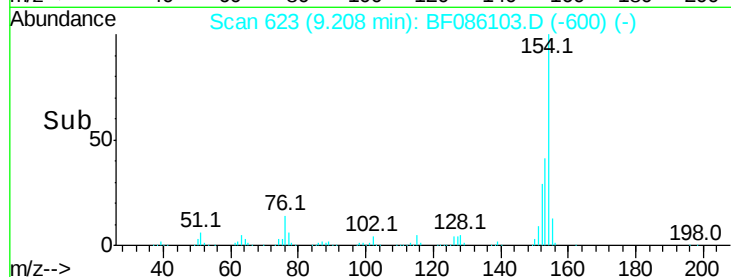
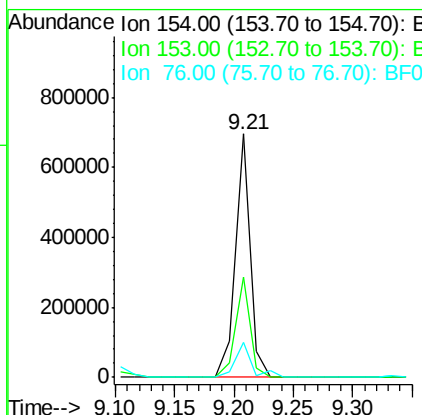
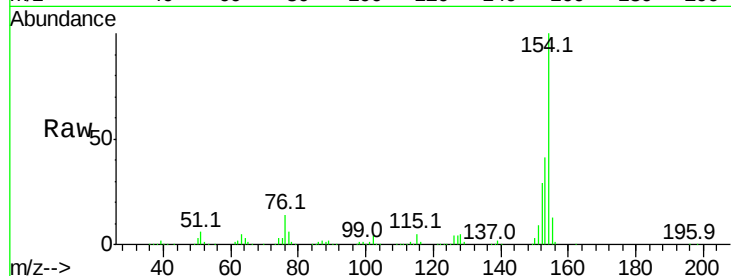
#45
 1,1'-Biphenyl
 Concen: 24.97 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	20.8	60.8	
76	14.3	0.0	36.7	

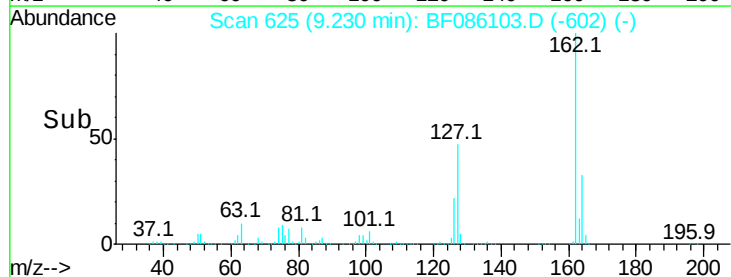
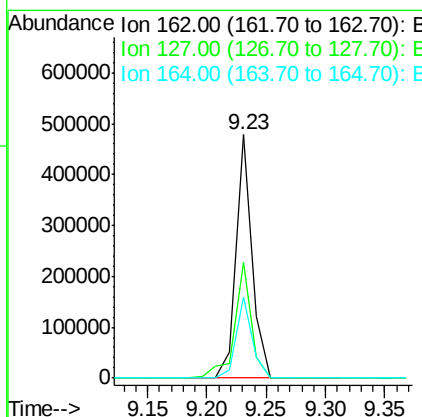
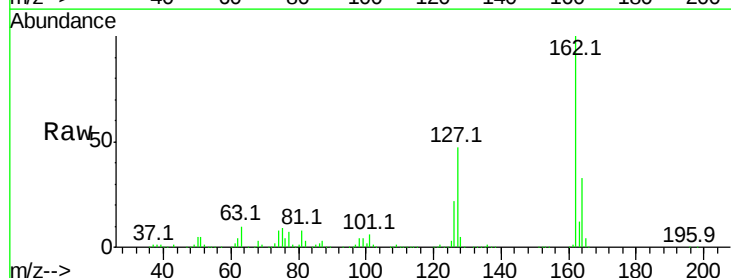
Manual Integrations
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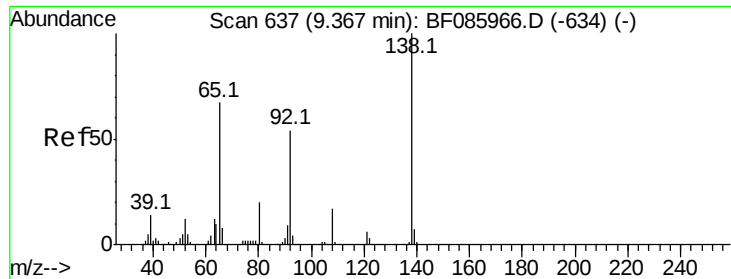
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 4/7/2016 8:59:04 AM



#46
 2-Chloronaphthalene
 Concen: 25.69 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	47.3	31.7	47.5	
164	33.2	27.3	40.9	





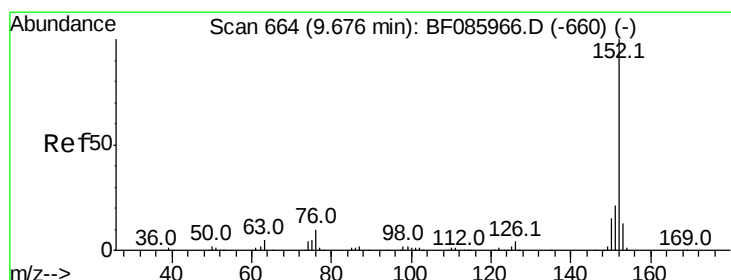
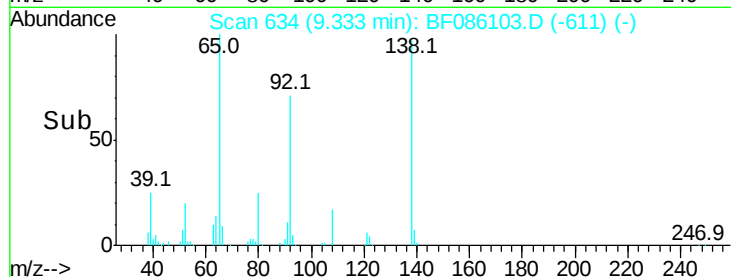
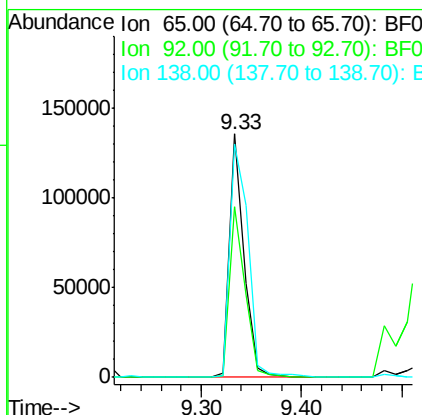
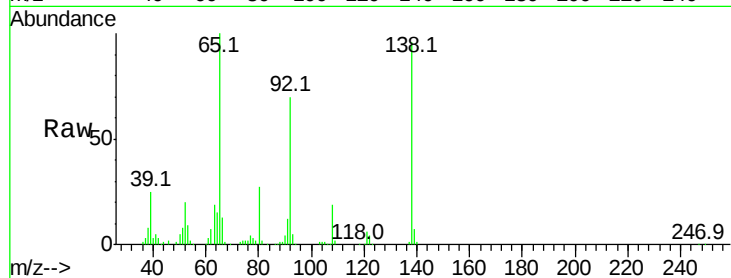
#47
2-Nitroaniline
Concen: 26.85 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	59.7	89.5
138	95.7	91.4	137.0

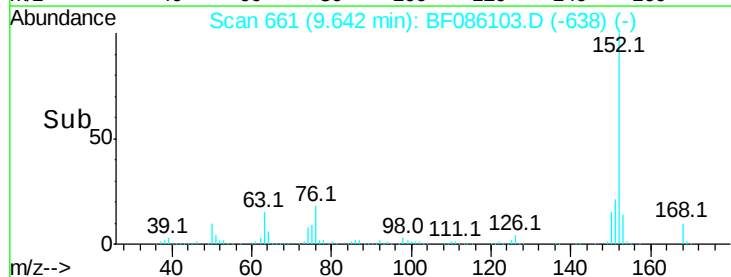
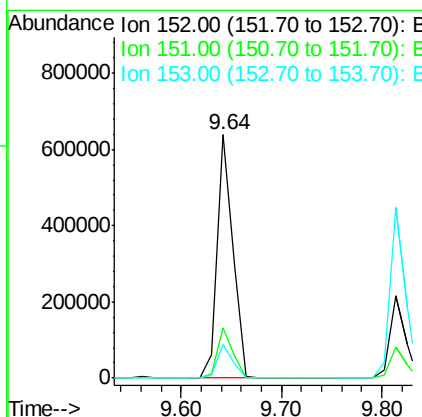
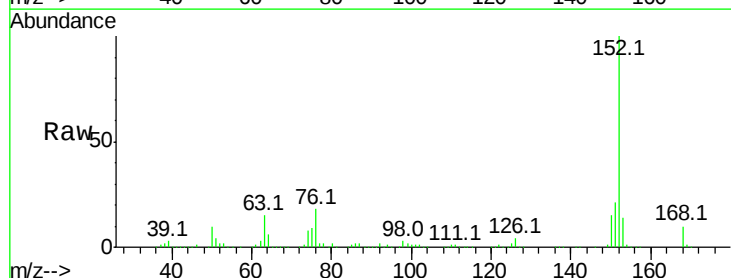
Manual Integrations
APPROVED

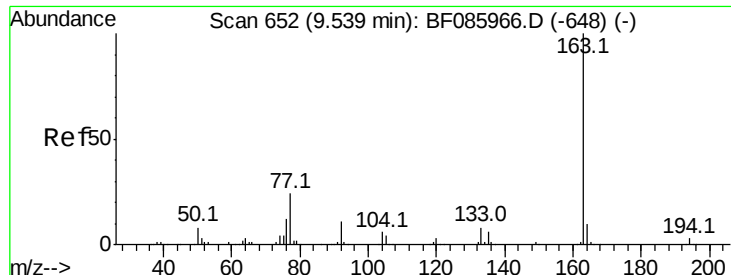
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#48
Acenaphthylene
Concen: 24.58 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.7	10.9	16.3





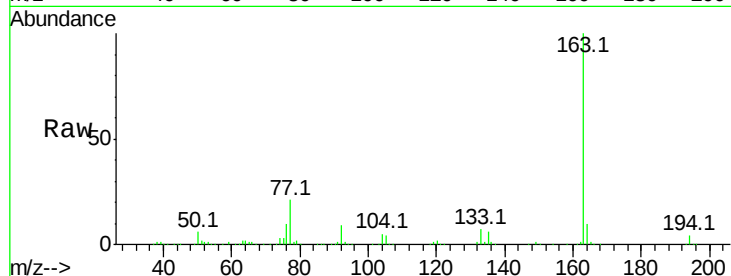
#49
Dimethylphthalate
Concen: 37.99 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampled :
SP-14MS

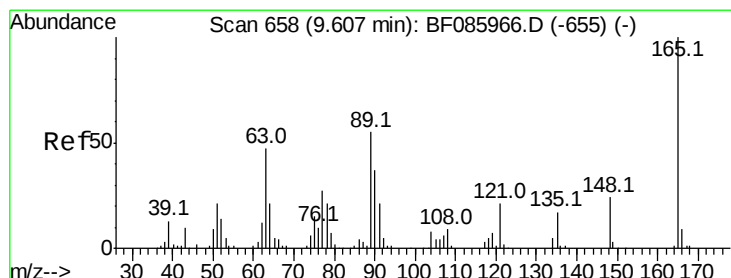
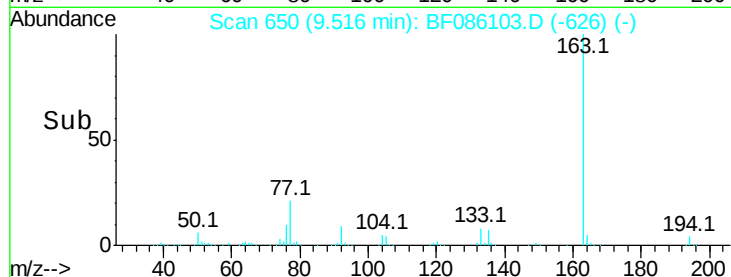
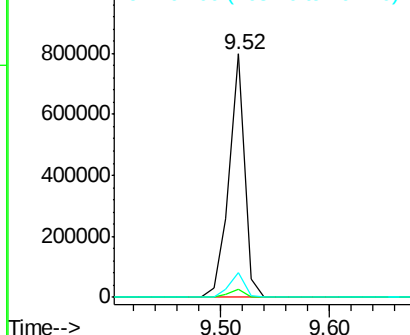
Tot Ion	Ratio	Resp	Lower	Upper
163	100	788442		
194	3.5		2.9	4.3
164	10.3		8.3	12.5

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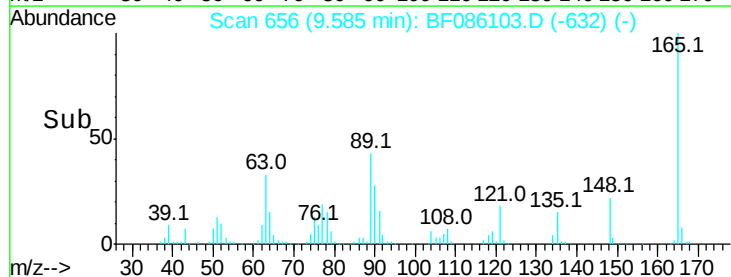
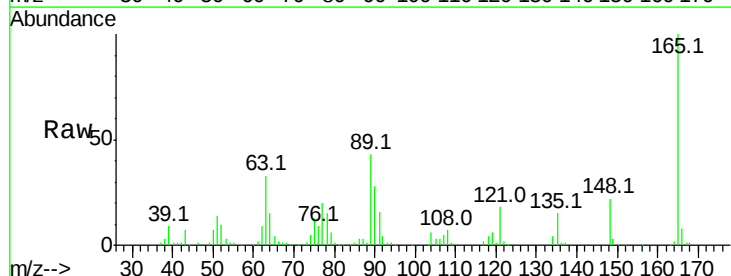
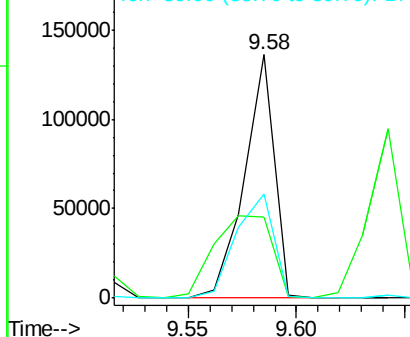
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

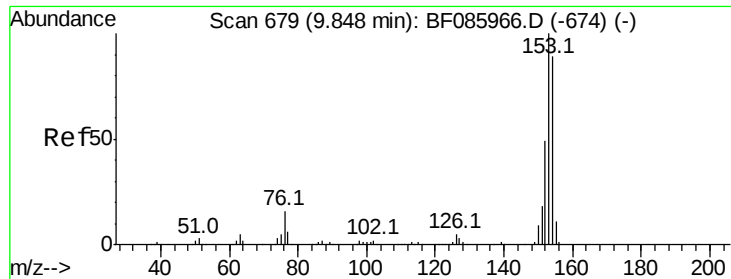


#50
2,6-Dinitrotoluene
Concen: 29.53 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129662		
63	33.5		51.8	77.8#
89	42.8		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: 24.95 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

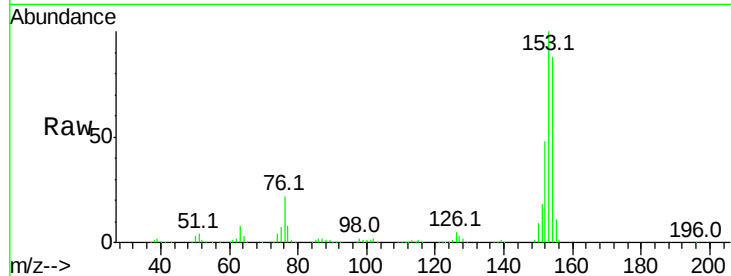
ClientSampleId :

SP-14MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	54.5	44.2	66.2

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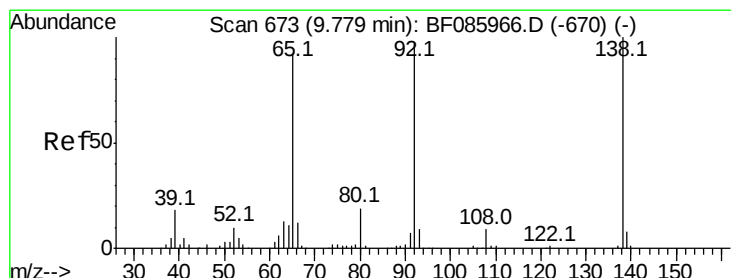
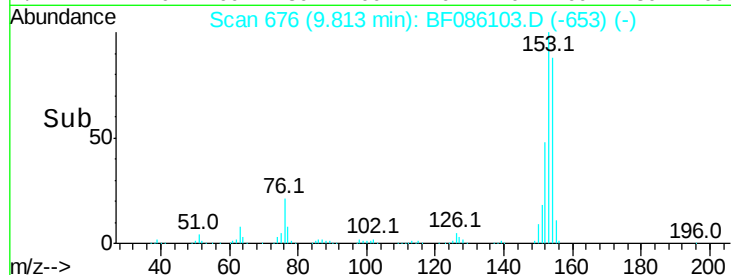
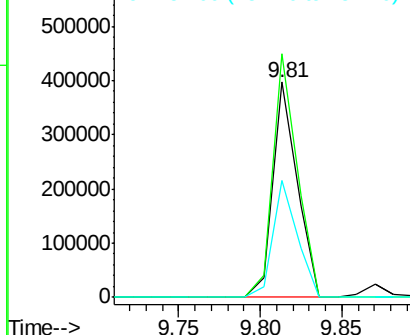


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.18 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

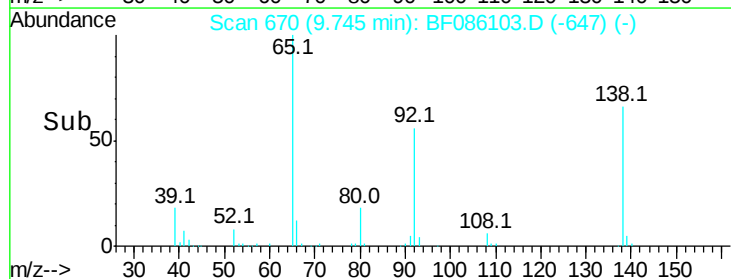
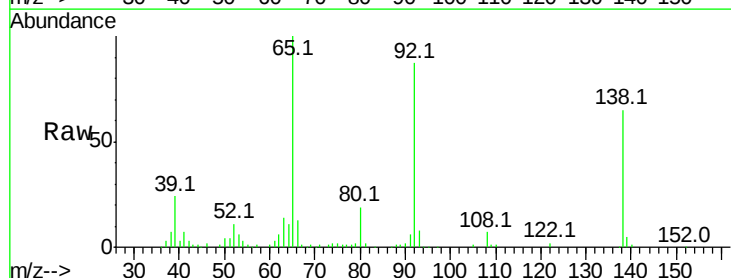
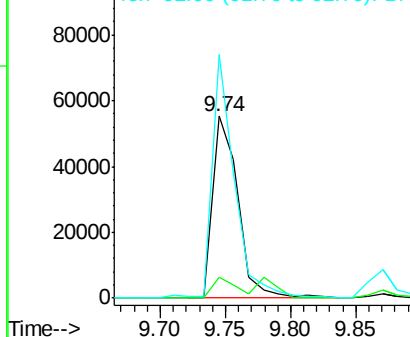
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.7	13.1
92	133.8	93.3	139.9

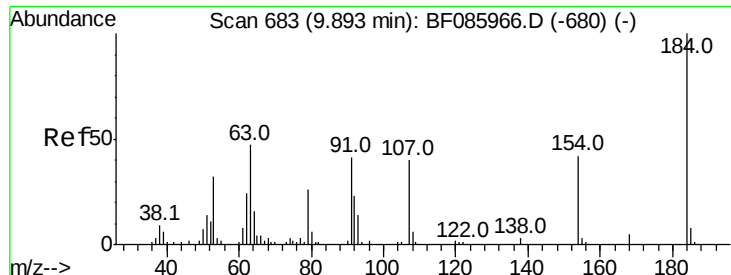
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





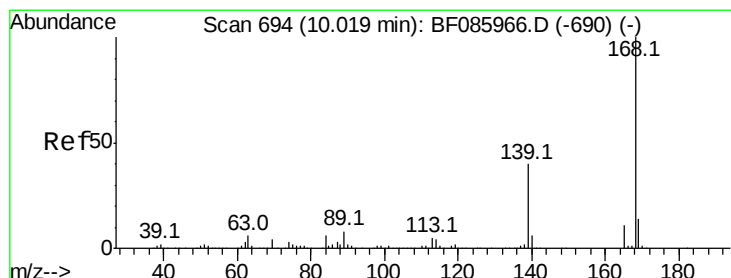
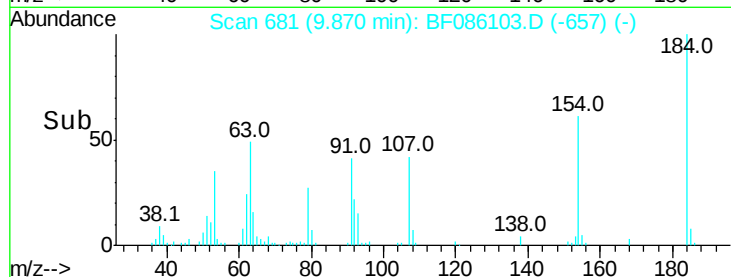
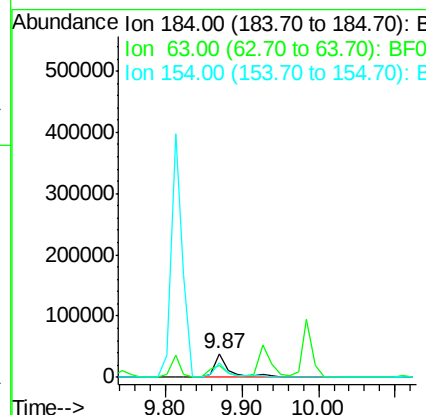
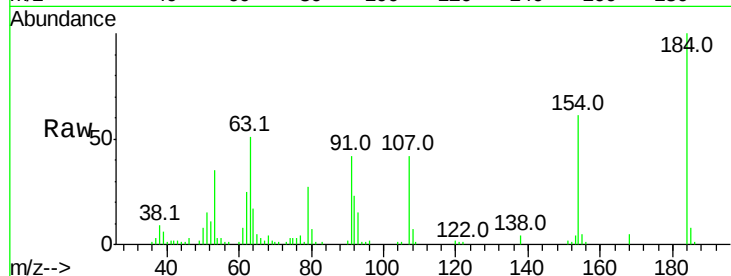
#53
 2,4-Dinitrophenol
 Concen: 27.21 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampled :
 SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.7	69.5	104.3	#
154	60.8	58.3	87.5	

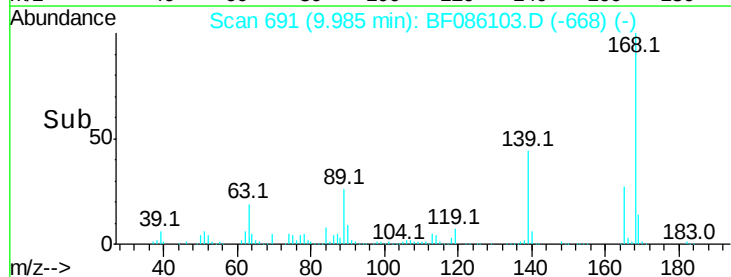
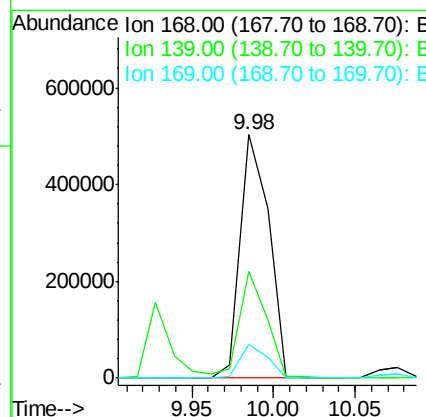
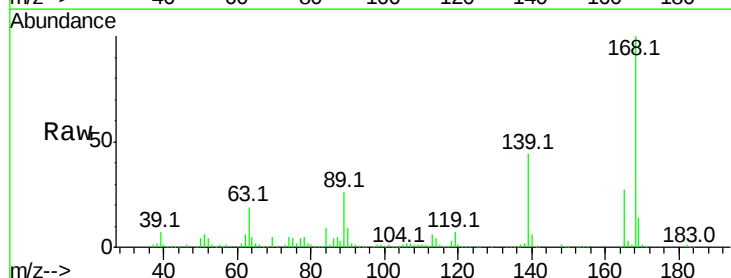
Manual Integrations
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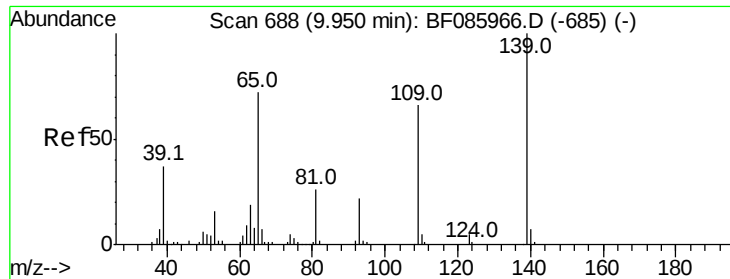
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#54
 Dibenzofuran
 Concen: 27.62 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.8	31.9	47.9	
169	14.0	11.0	16.6	





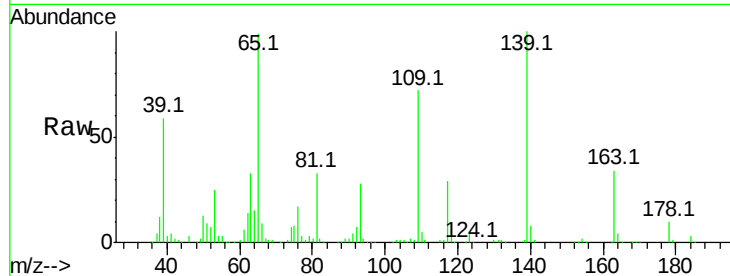
#55
4-Nitrophenol
Concen: 50.31 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

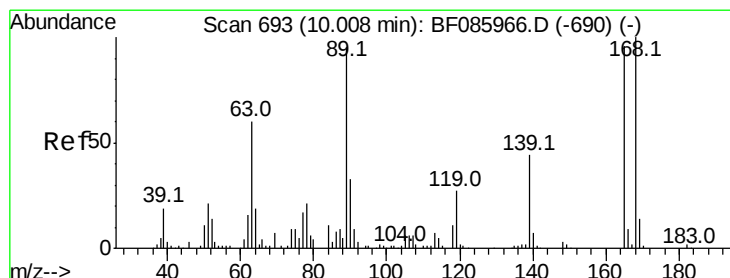
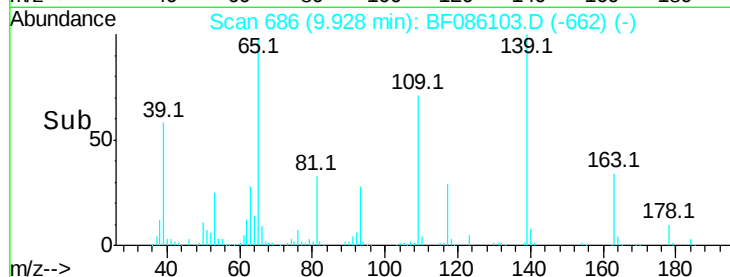
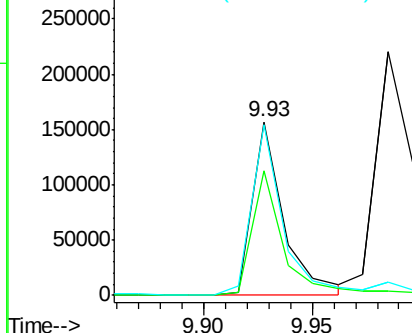
Tot Ion	Ratio	Resp	Lower	Upper
139	100	156939		
109	71.6	49.2	89.2	
65	98.6	66.9	106.9	

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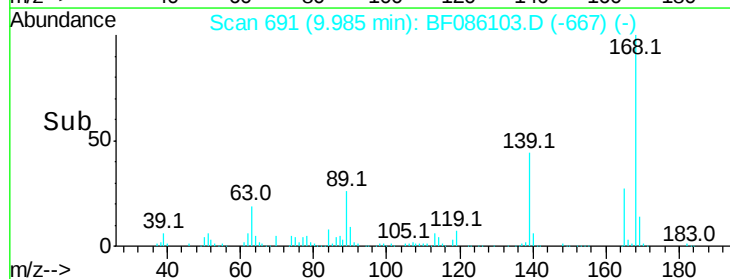
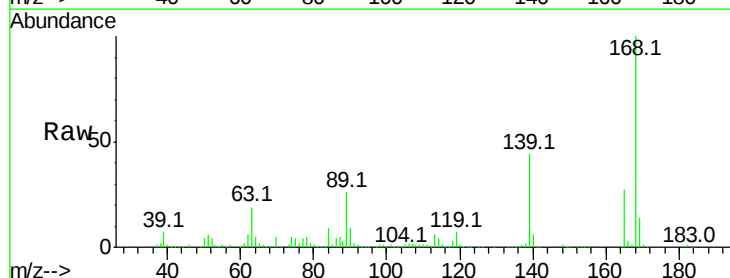
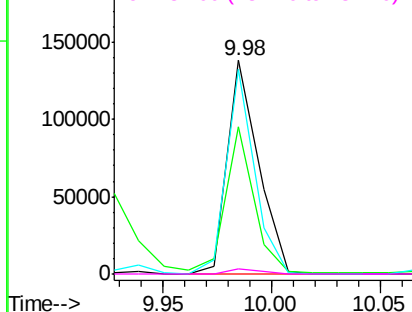
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

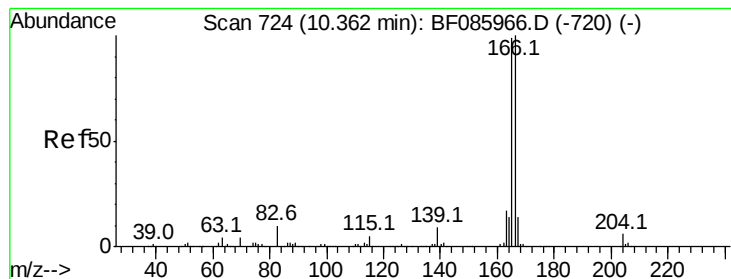


#56
2,4-Dinitrotoluene
Concen: 24.67 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136890		
63	68.9	24.9	37.3#	
89	96.1	41.0	61.6#	
182	2.5	2.1	3.1	

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 23.94 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

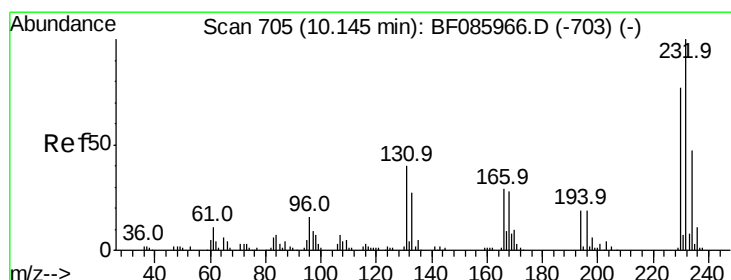
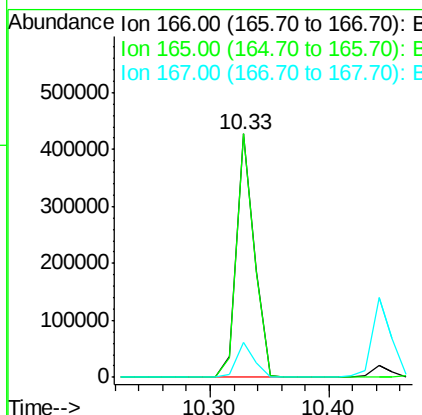
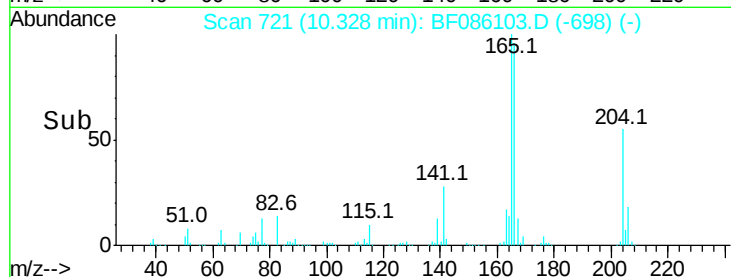
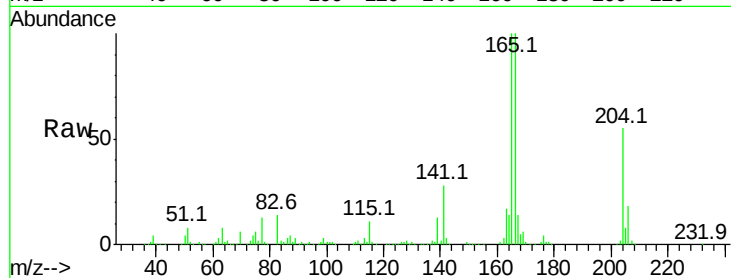
ClientSampleId :

SP-14MS

Tot Ion:	166	Resp:	450294
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.4	119.0
167	14.2	11.0	16.4

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 28.22 ng

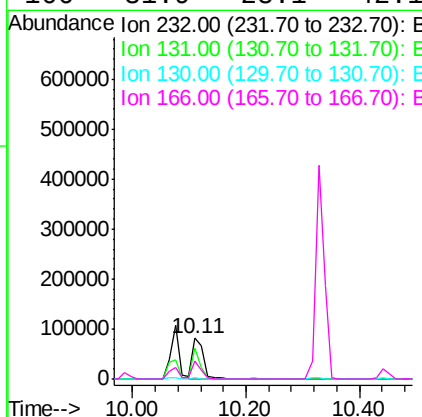
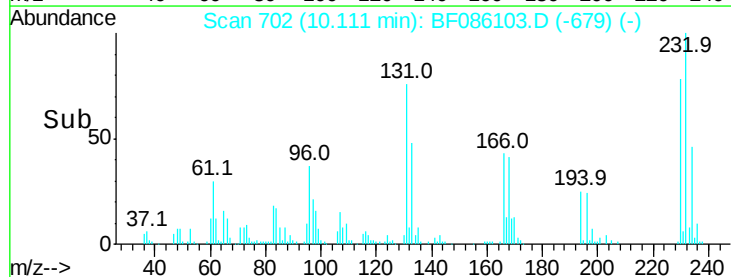
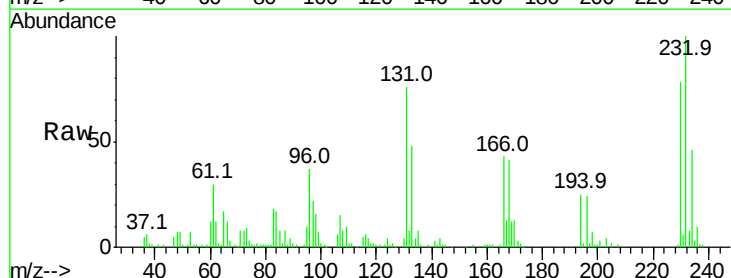
RT: 10.11 min Scan# 702

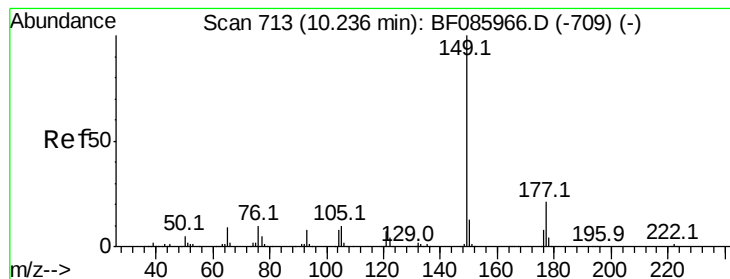
Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	232	Resp:	115290
Ion Ratio	Lower	Upper	
232	100		
131	56.5	44.9	67.3
130	2.6	2.3	3.5
166	31.9	28.1	42.1





#59

Diethylphthalate

Concen: 27.79 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

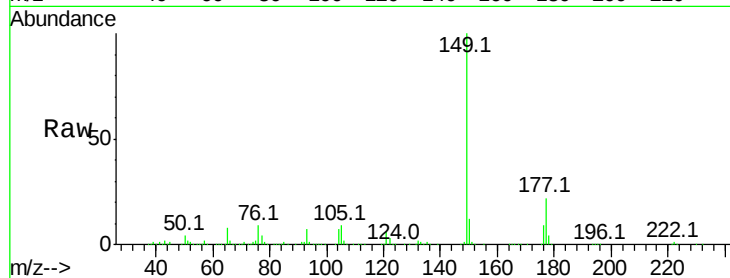
ClientSampleId :

SP-14MS

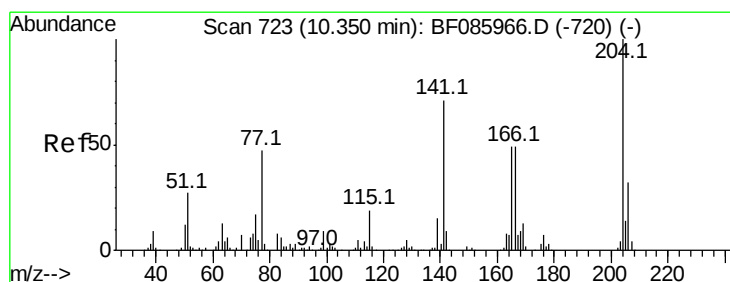
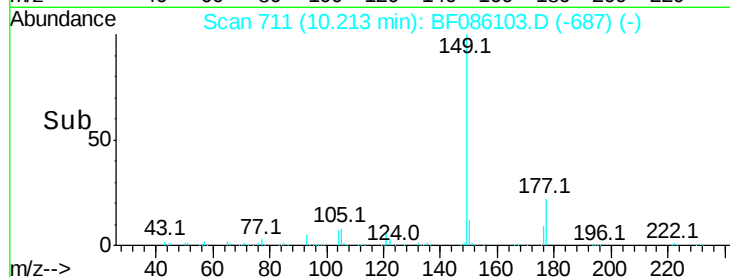
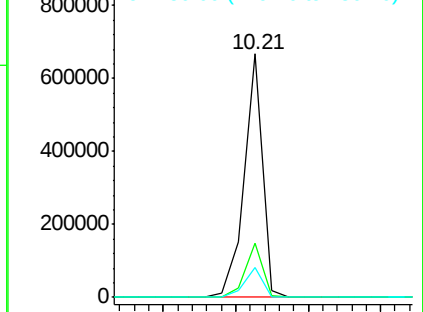
Tot Ion:	149	Resp:	582127
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.9	26.9
150	12.5	10.2	15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 26.31 ng

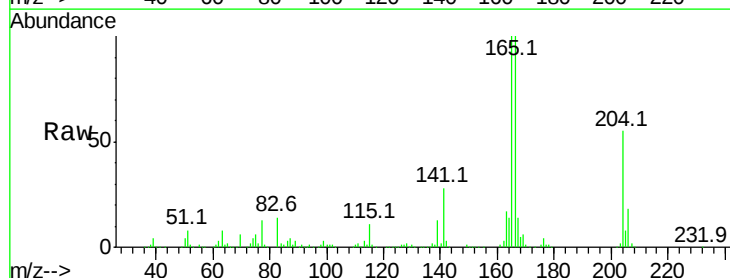
RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

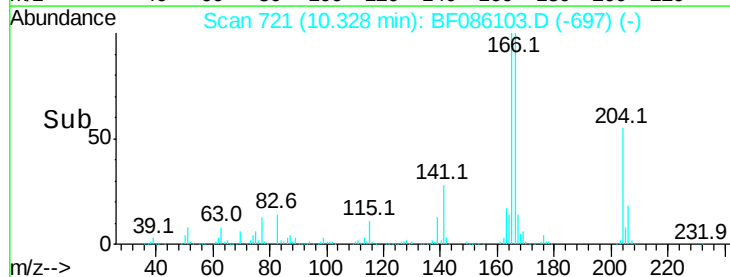
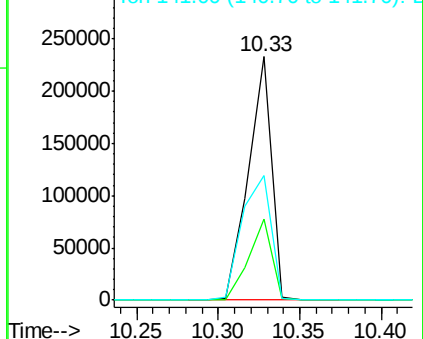
Lab File: BF086103.D

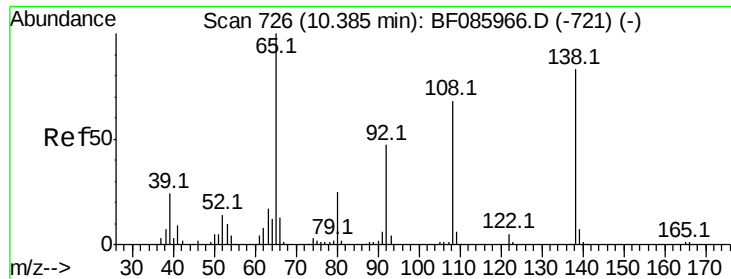
Acq: 6 Apr 2016 17:41

Tgt Ion:	204	Resp:	230509
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.6	39.8
141	51.0	57.4	86.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





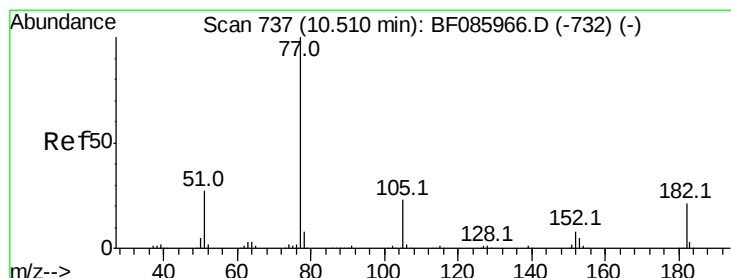
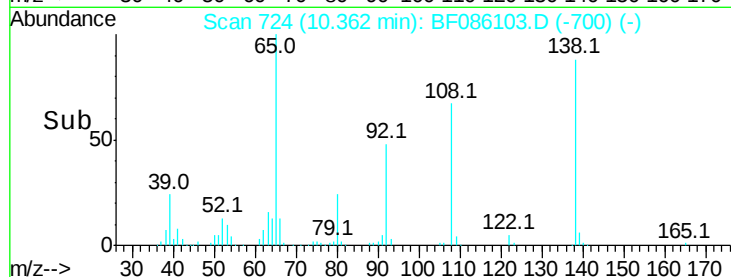
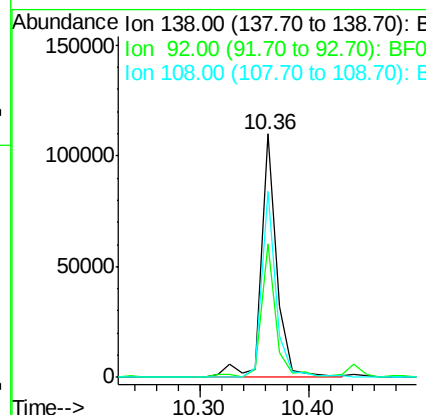
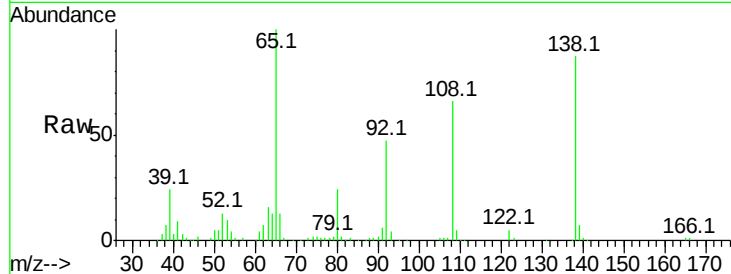
#61
4-Nitroaniline
Concen: 21.39 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampled :
SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	111476		
92	54.6	26.4	66.4	
108	76.5	49.0	89.0	

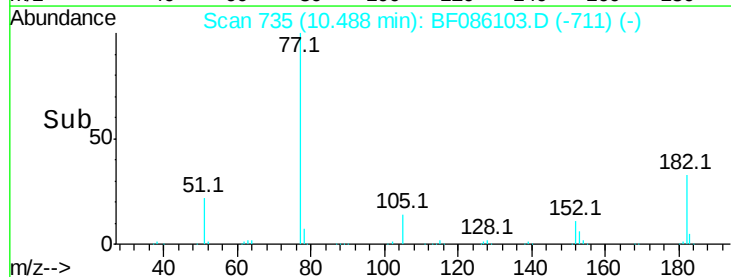
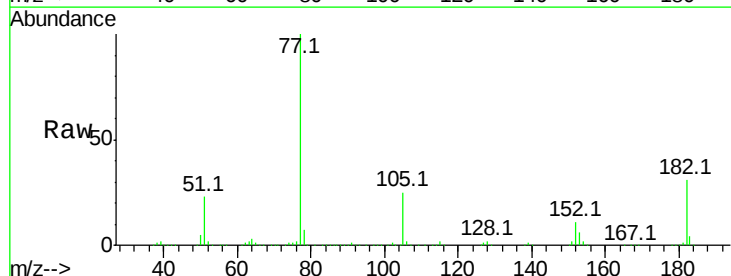
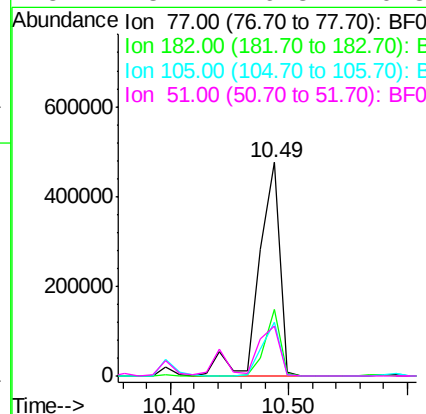
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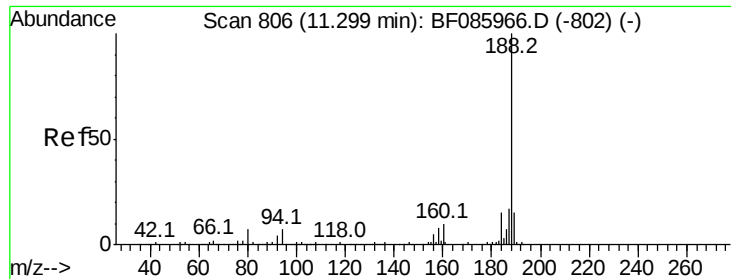
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#62
Azobenzene
Concen: 29.05 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	582854		
182	31.2	1.9	41.9	
105	25.3	3.5	43.5	
51	23.4	6.3	46.3	





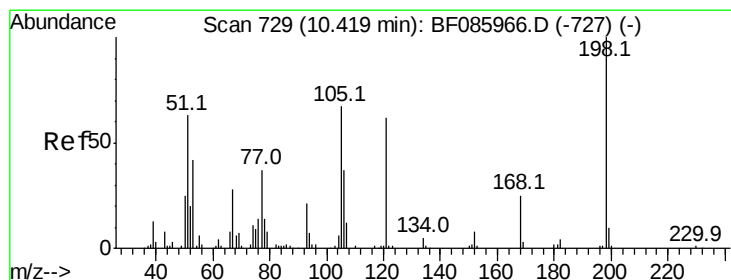
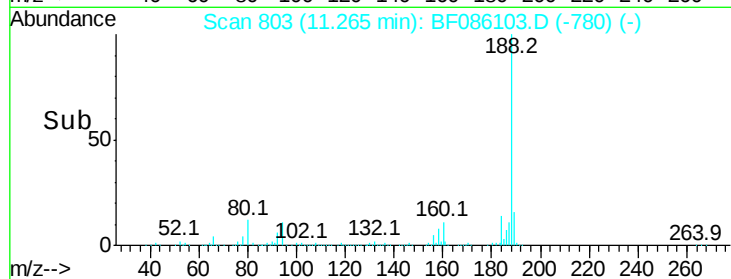
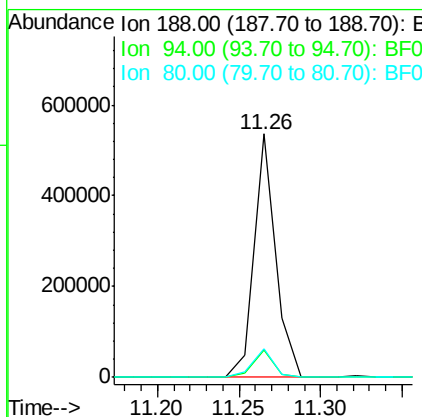
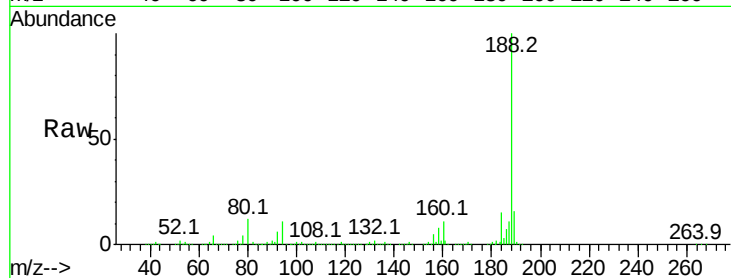
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	493669		
94	11.0	5.4	8.0#	
80	11.8	5.5	8.3#	

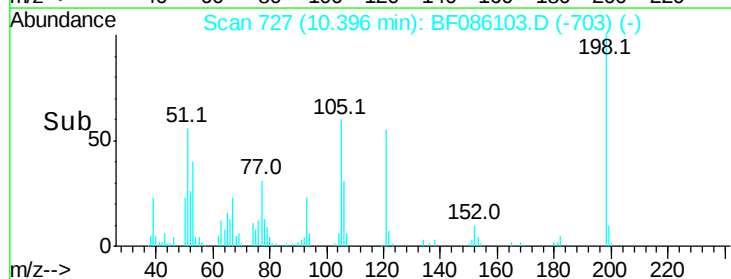
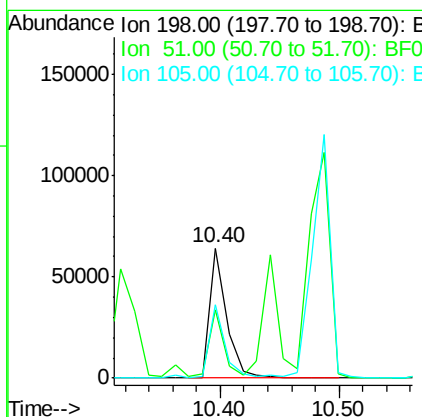
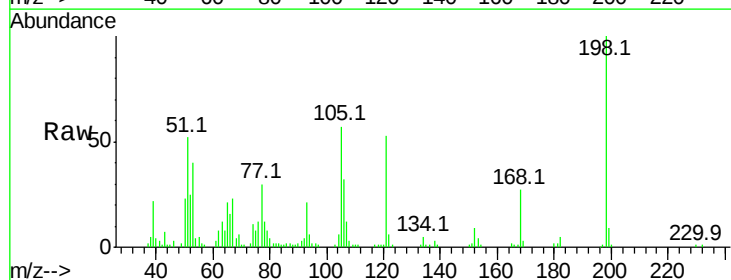
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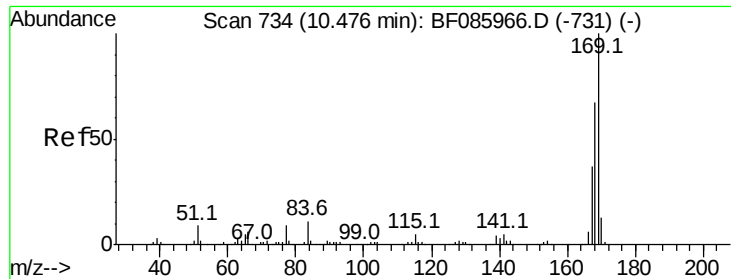
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.34 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	63857		
51	52.4	45.4	85.4	
105	56.8	45.9	85.9	





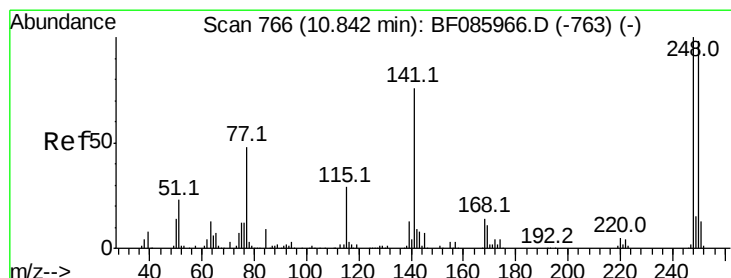
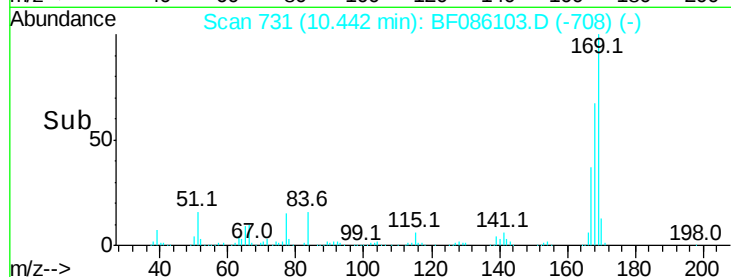
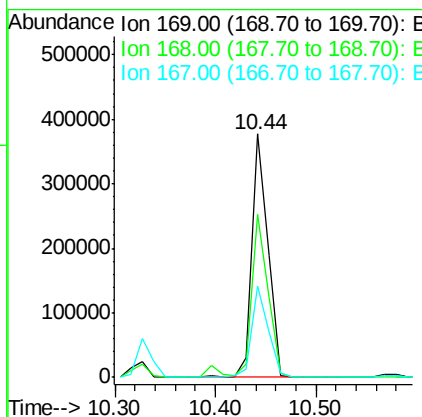
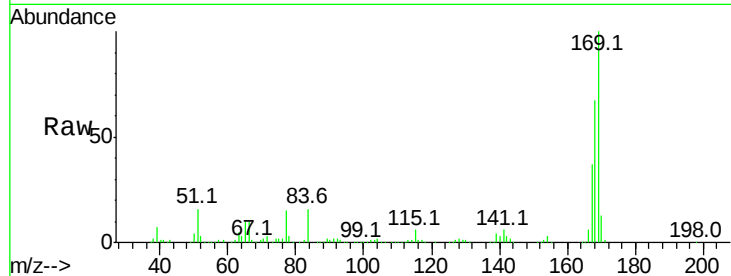
#65
n-Nitrosodiphenylamine
Concen: 26.95 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleID :
SP-14MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	66.8	54.4	81.6		
167	37.3	29.4	44.0		

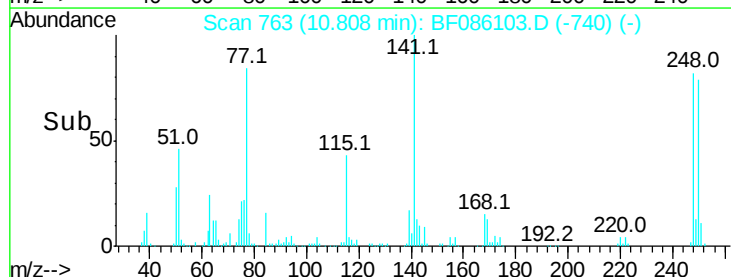
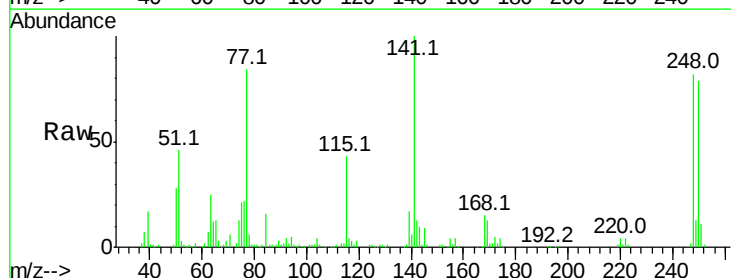
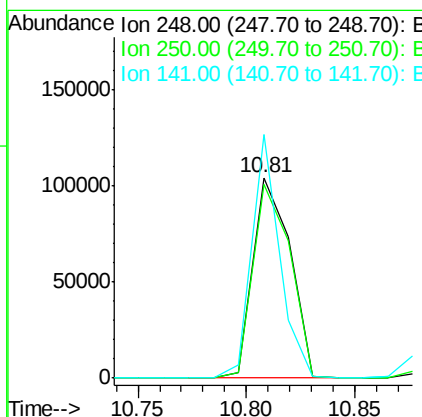
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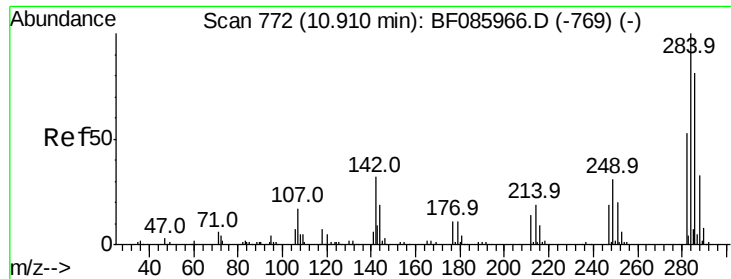
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#66
4-Bromophenyl-phenylether
Concen: 24.66 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	96.5	77.4	116.0		
141	121.4	63.6	95.4		





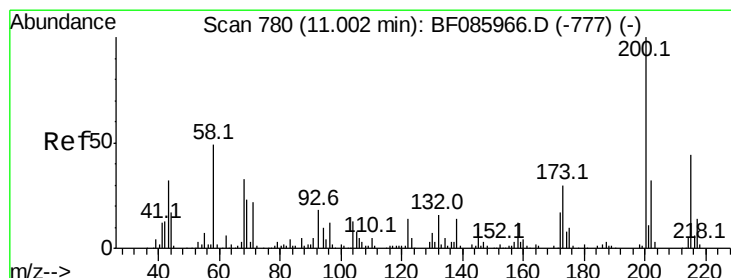
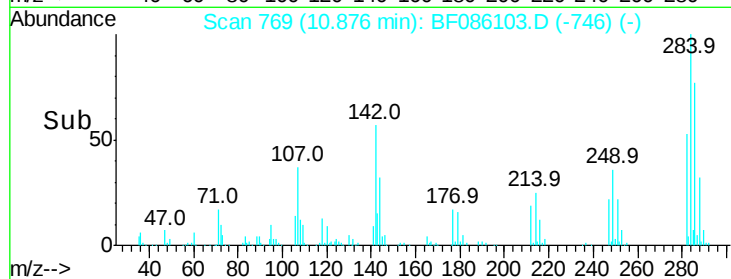
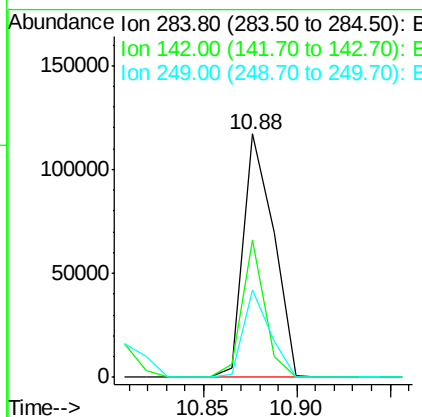
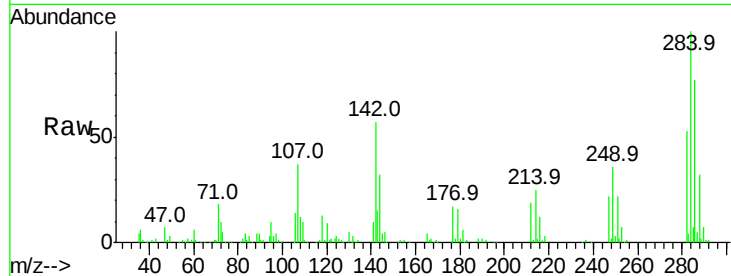
#67
Hexachlorobenzene
Concen: 25.20 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	56.7	23.1	34.7	#
249	36.0	24.2	36.2	

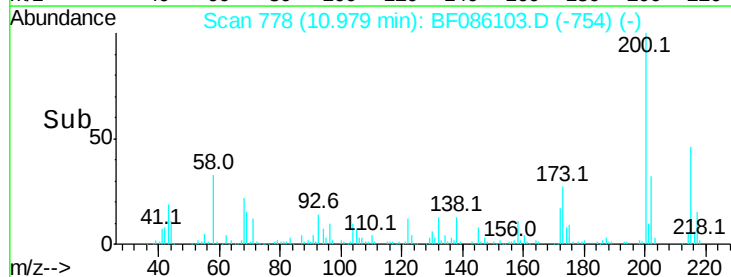
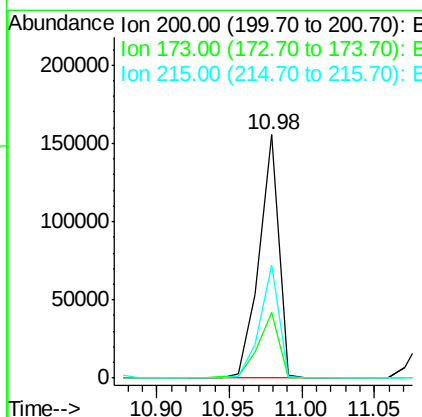
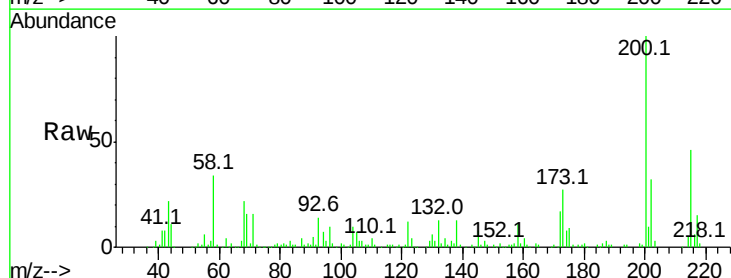
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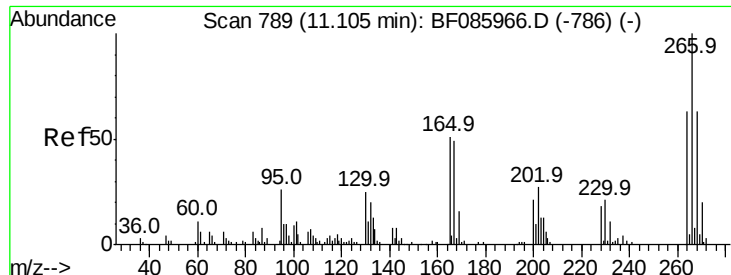
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#68
Atrazine
Concen: 29.50 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.8	7.7	47.7	
215	46.5	25.4	65.4	





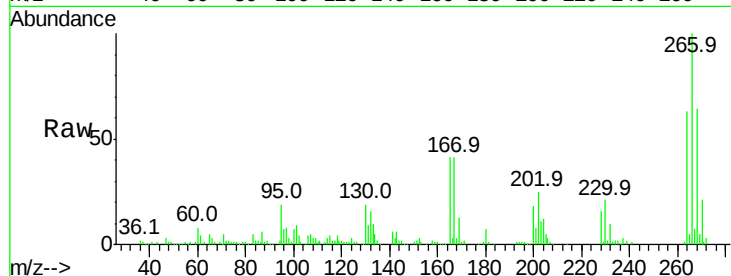
#69
 Pentachlorophenol
 Concen: 54.85 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

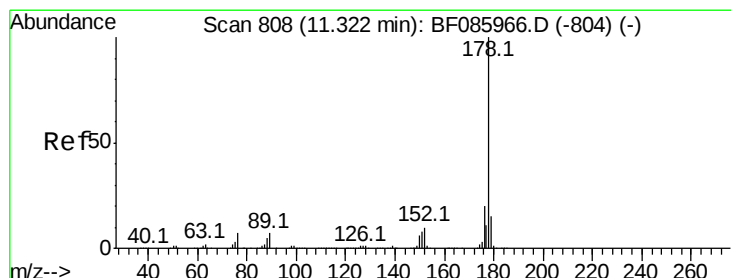
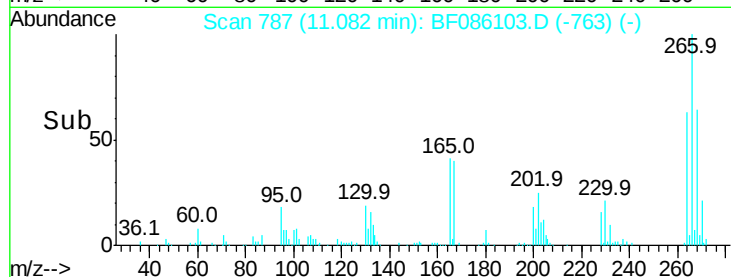
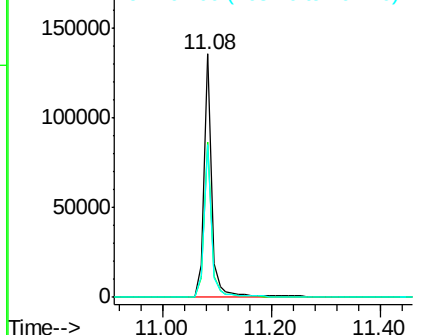
Tot Ion	Ratio	Resp	Lower	Upper
266	100	133976		
268	63.7	51.5	77.3	
264	63.0	50.6	76.0	

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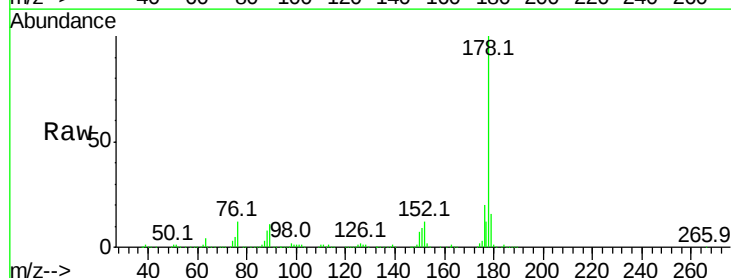


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

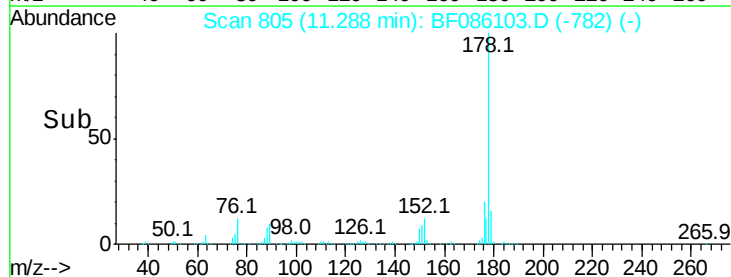
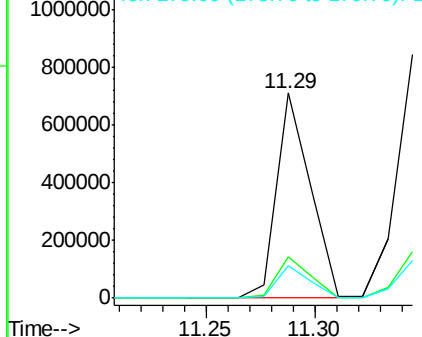


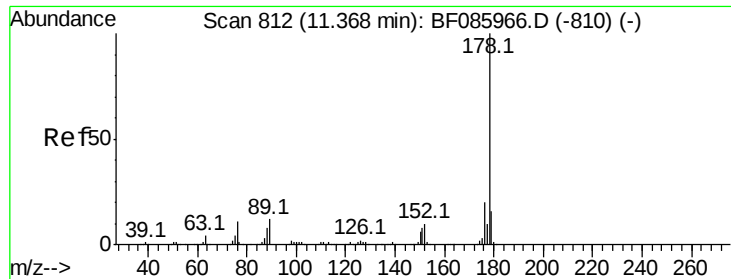
#70
 Phenanthrene
 Concen: 28.65 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	771461		
176	20.2	16.3	24.5	
179	16.0	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





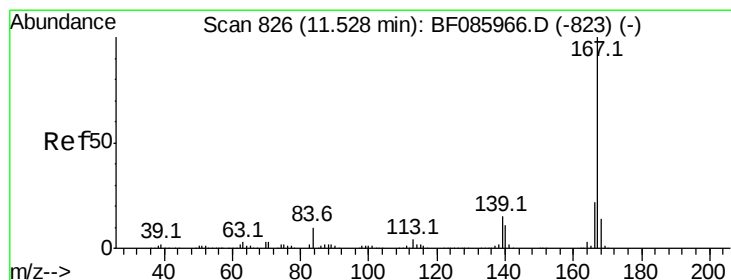
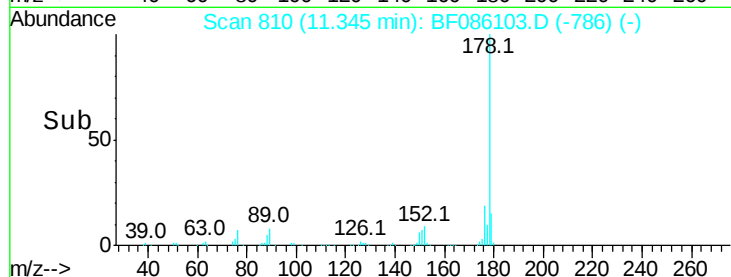
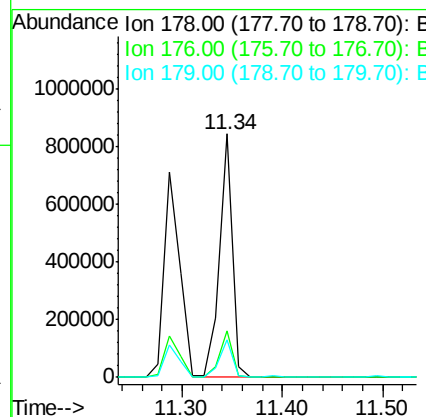
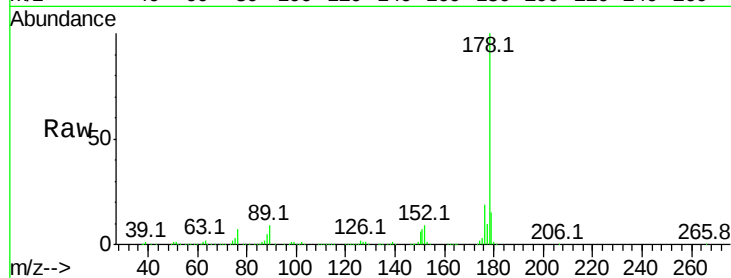
#71
 Anthracene
 Concen: 26.75 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.3	15.9	23.9		
179	15.5	13.0	19.4		

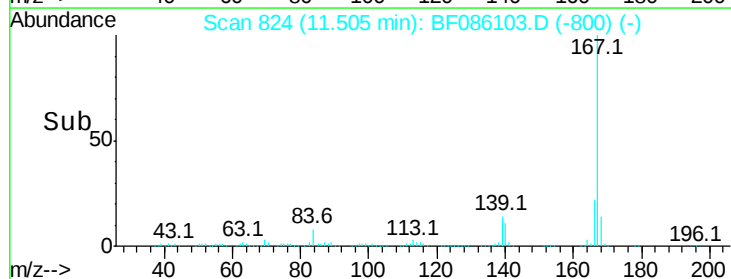
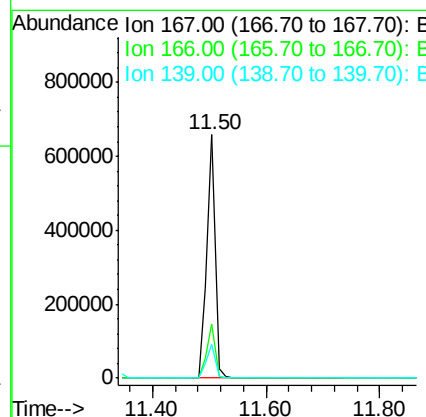
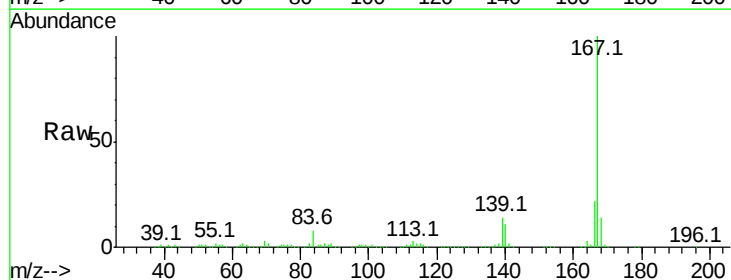
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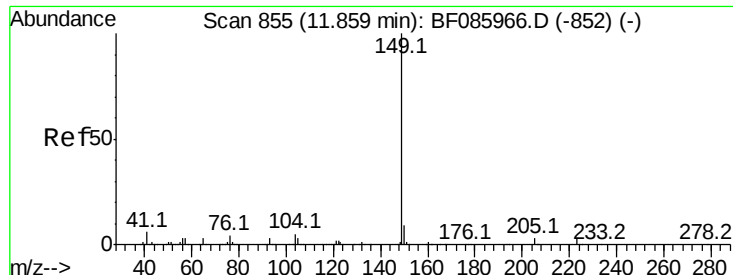
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#72
 Carbazole
 Concen: 26.80 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.0	17.8	26.8		
139	13.6	11.6	17.4		





#73

Di-n-butylphthalate

Concen: 26.59 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

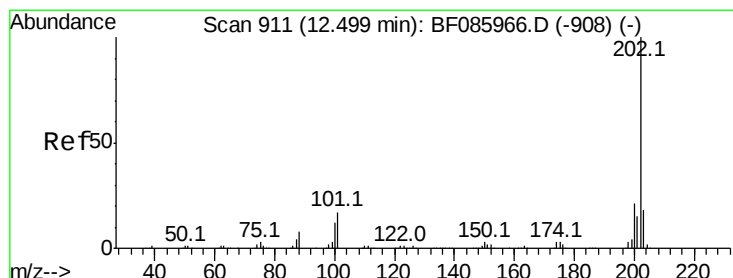
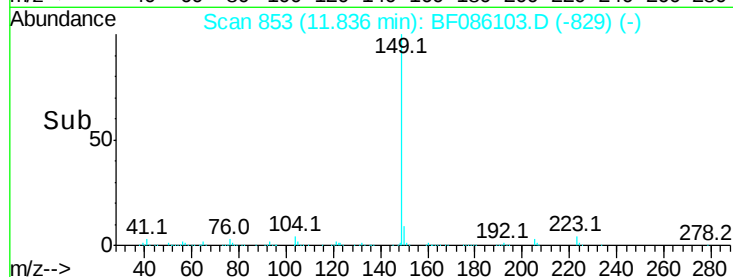
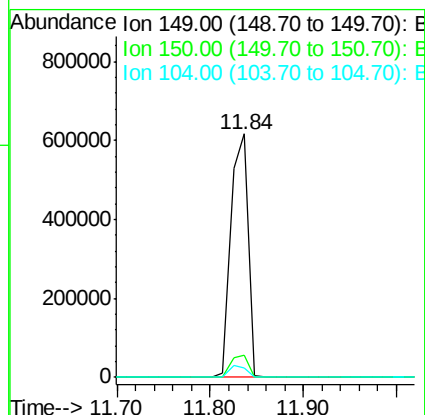
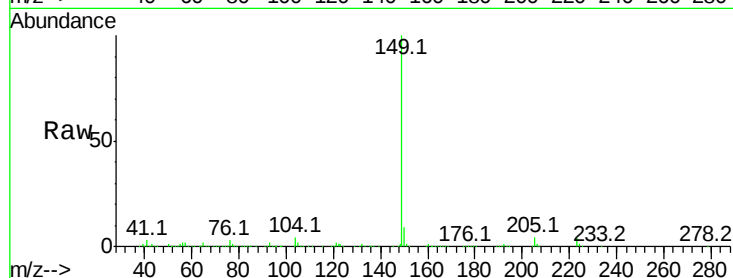
ClientSampleId :

SP-14MS

Tot Ion:	149	Resp:	798892
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.6	11.4
104	3.8	3.8	5.8#

Manual Integrations
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#74

Fluoranthene

Concen: 26.77 ng

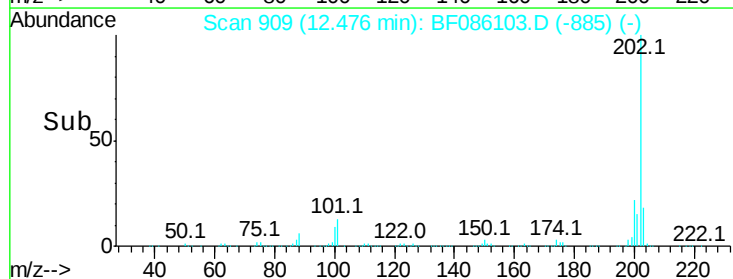
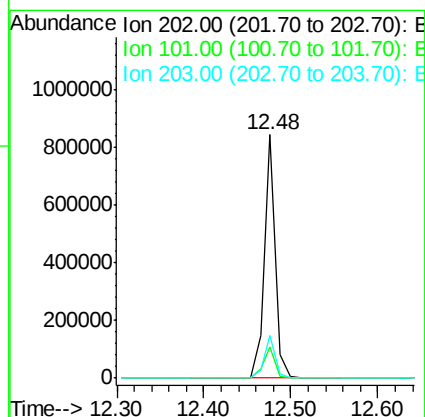
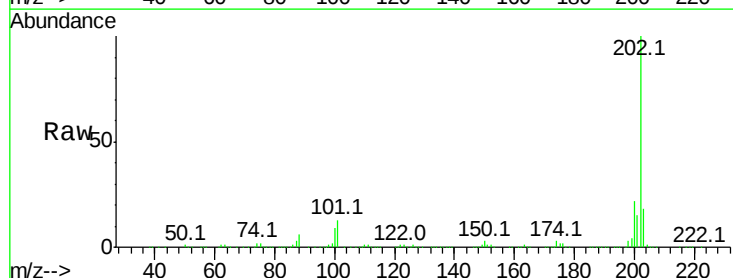
RT: 12.48 min Scan# 909

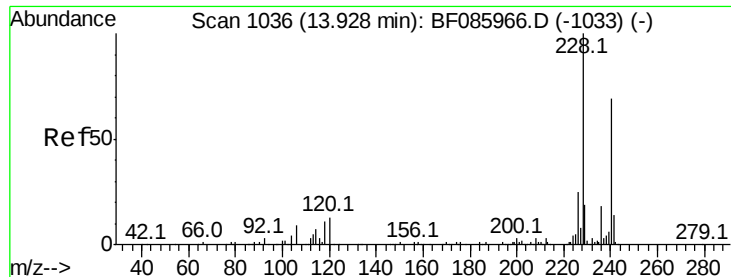
Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	202	Resp:	749880
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	36.6
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

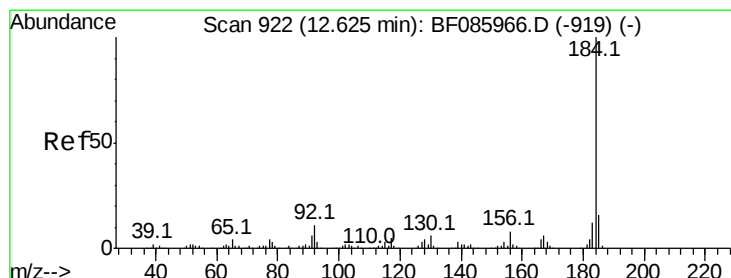
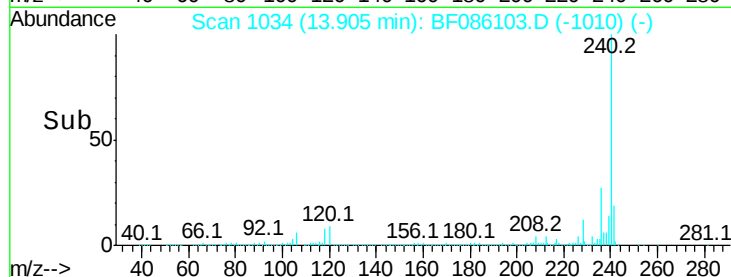
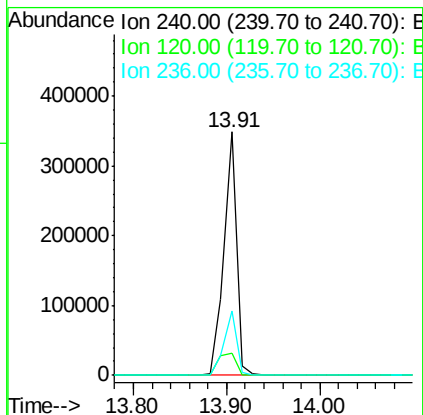
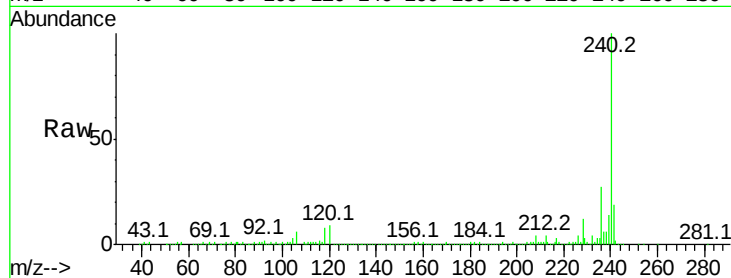
ClientSampleId :

SP-14MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	13.8	20.8#
236	26.5	20.6	30.8

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#76

Benzidine

Concen: 19.88 ng

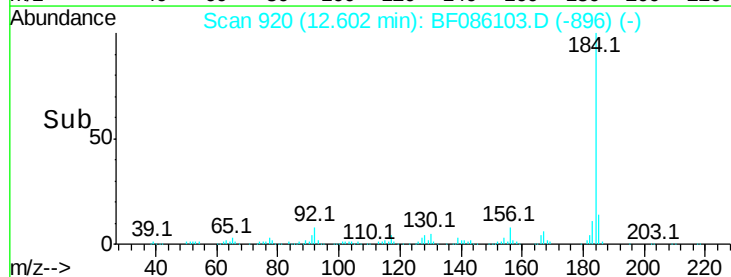
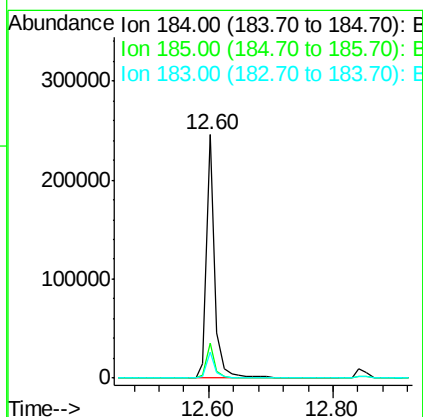
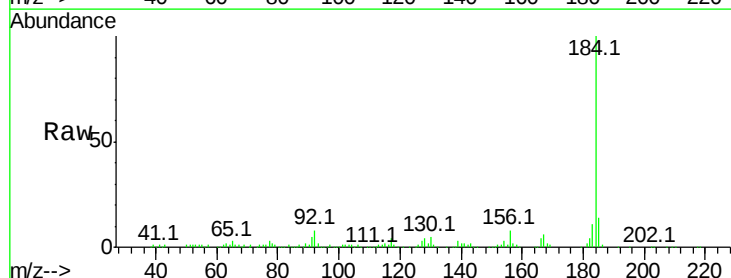
RT: 12.60 min Scan# 920

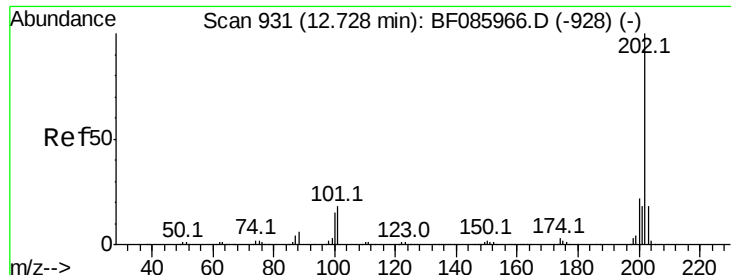
Delta R.T. -0.02 min

Lab File: BF086103.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.4	18.6
183	10.7	9.4	14.2





#77

Pvrene

Concen: 32.55 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

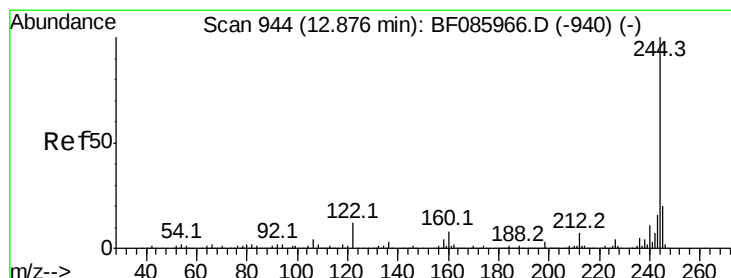
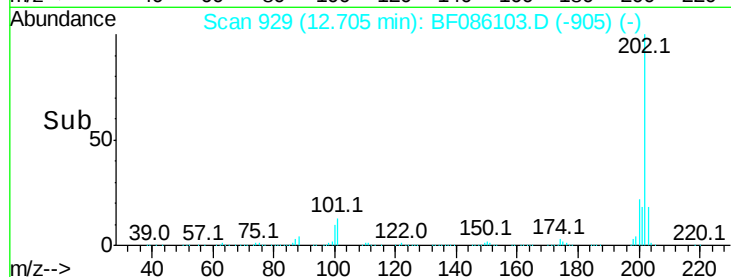
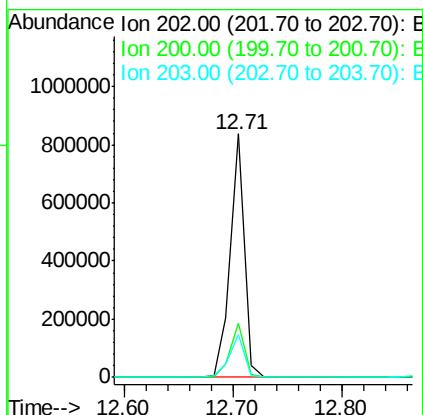
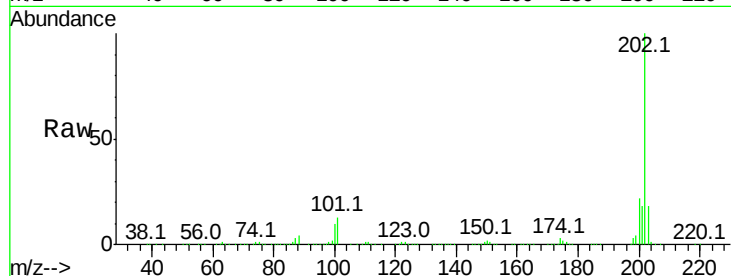
ClientSampleId :

SP-14MS

Tot Ion:	202	Resp:	749729
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.6	26.4
203	17.8	14.0	21.0

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#78

Terphenyl-d14

Concen: 52.31 ng

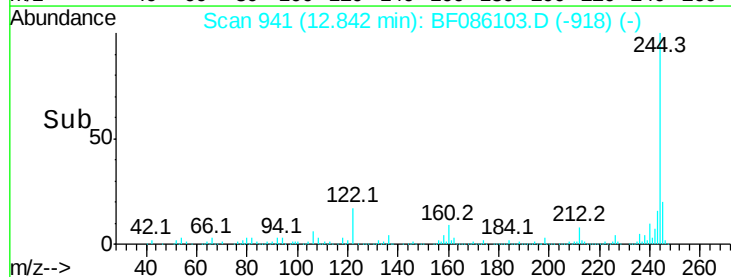
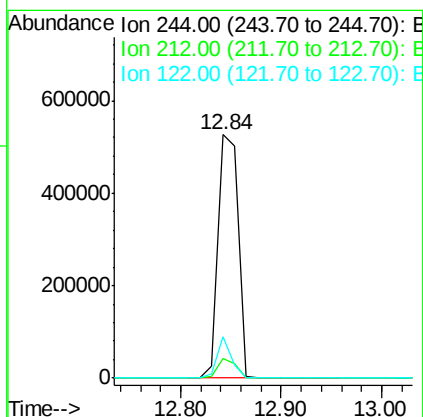
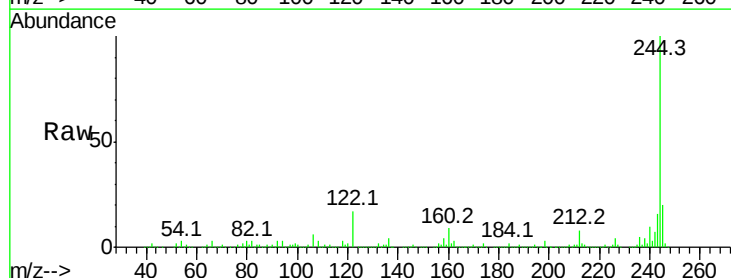
RT: 12.84 min Scan# 941

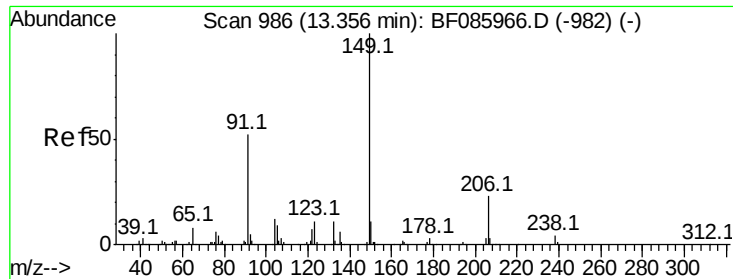
Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	244	Resp:	727404
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.1	9.1
122	16.8	10.2	15.4#





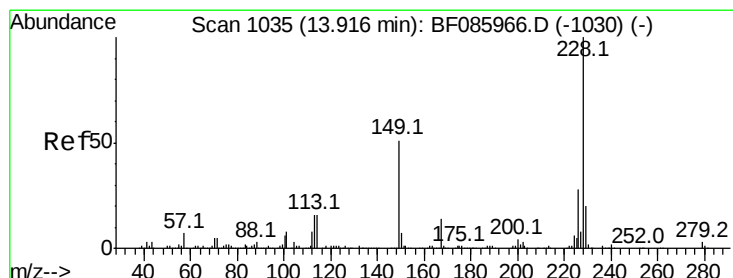
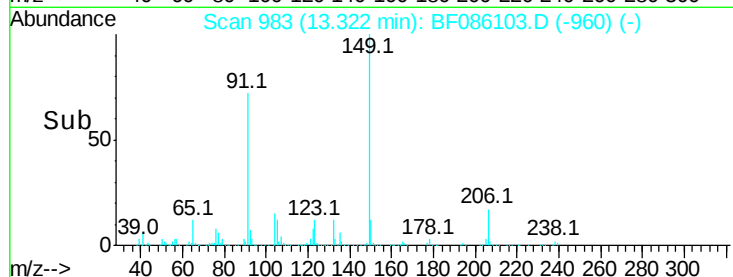
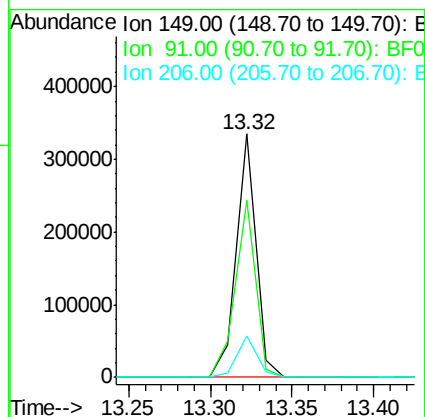
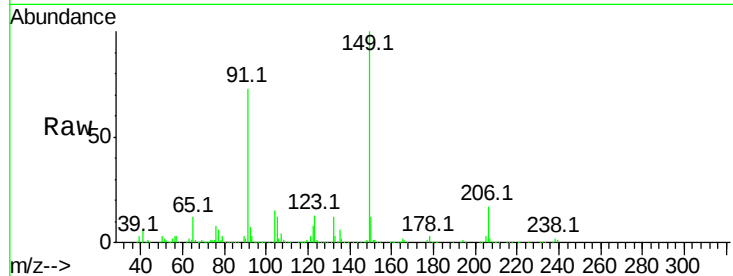
#79
Butylbenzylphthalate
Concen: 26.74 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampleId :
SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	277319		
91	72.7	45.8	68.8#	
206	17.3	17.8	26.8#	

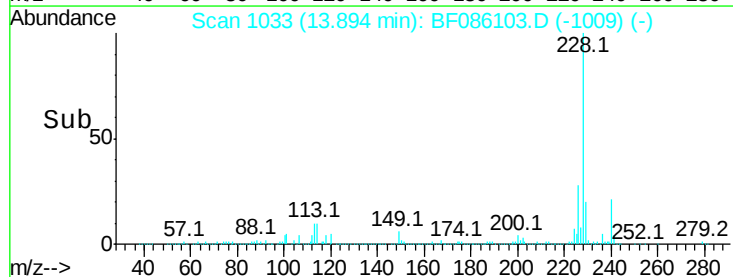
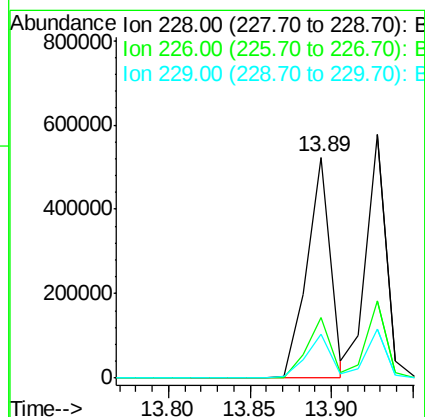
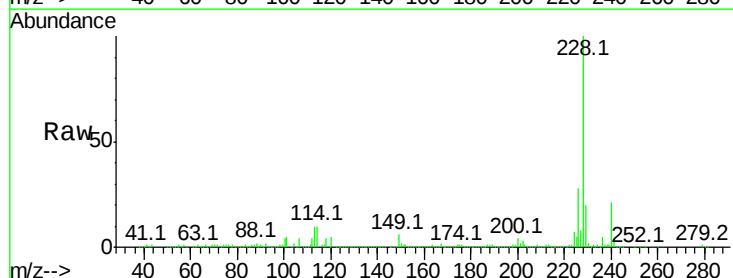
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#80
Benzo(a)anthracene
Concen: 27.32 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	526388		
226	27.7	22.1	33.1	
229	19.9	16.2	24.4	





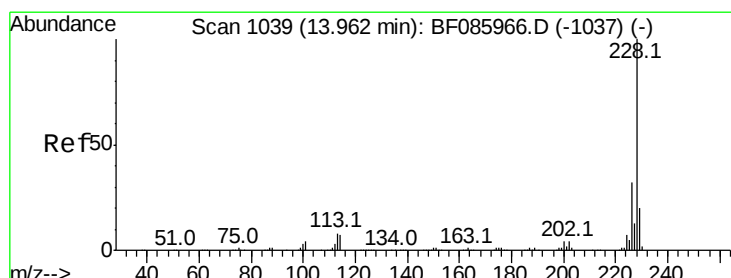
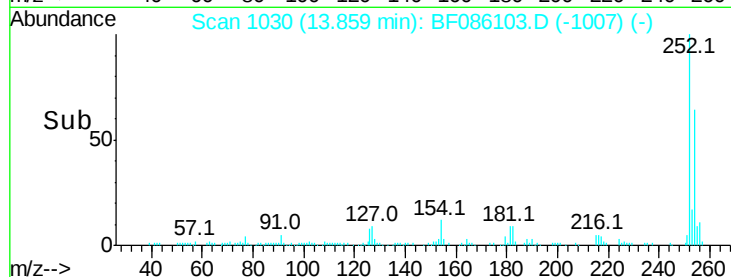
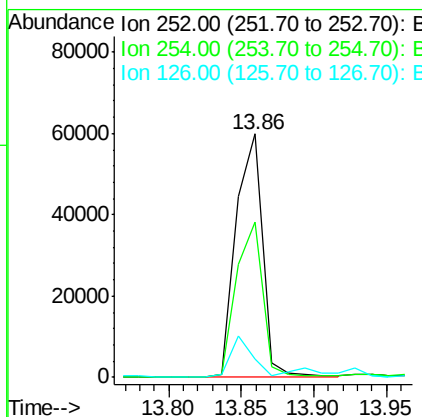
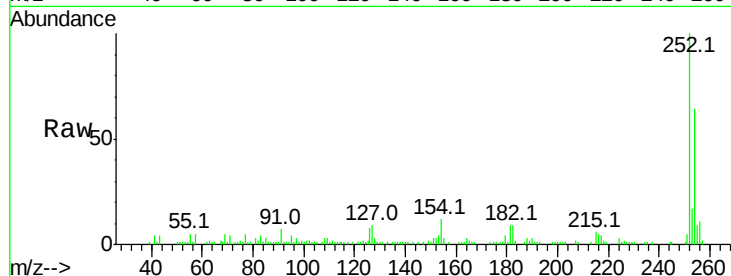
#81
 3,3'-Dichlorobenzidine
 Concen: 5.43 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.7	76.1
126	7.7	11.8	17.6

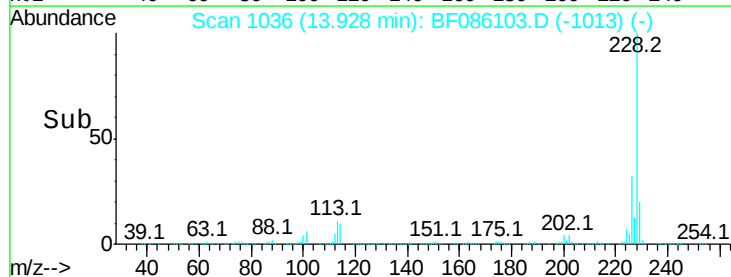
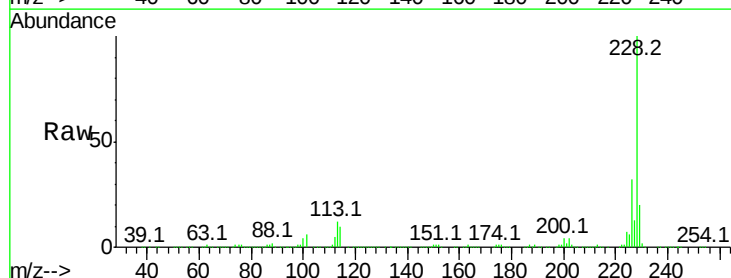
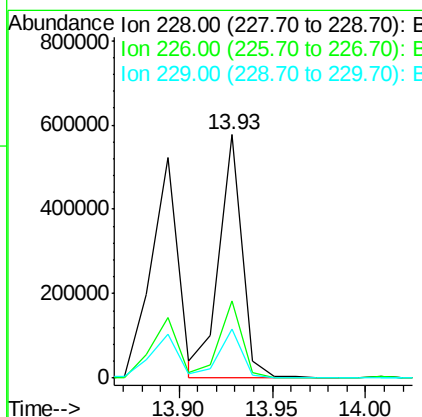
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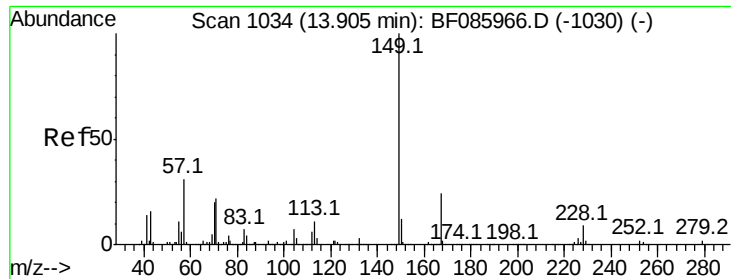
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#82
 Chrysene
 Concen: 26.74 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.0	15.7	23.5





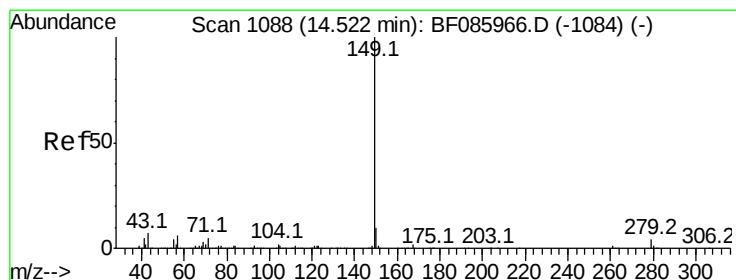
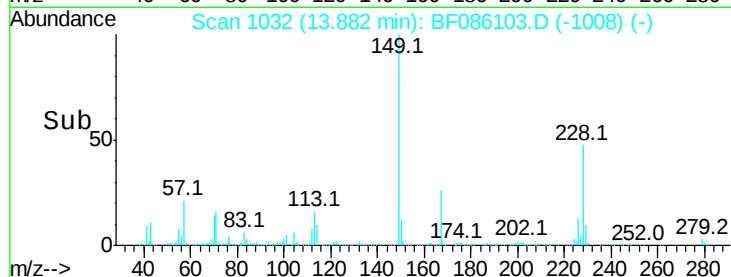
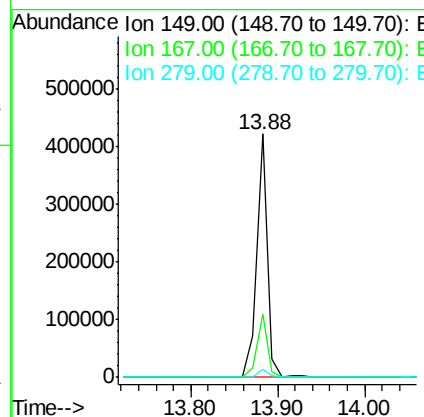
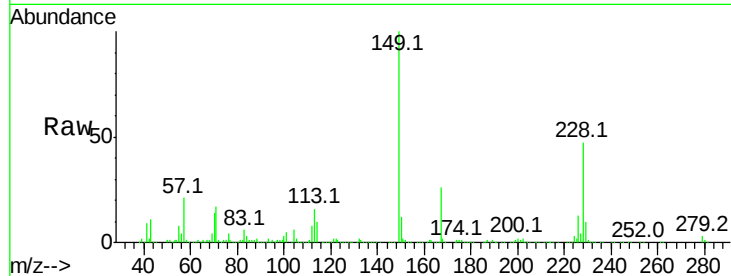
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.51 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 Client Sampled :
 SP-14MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.7	19.4	29.2	
279	3.1	1.5	2.3	

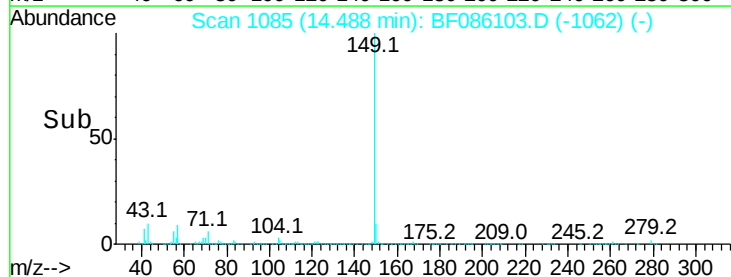
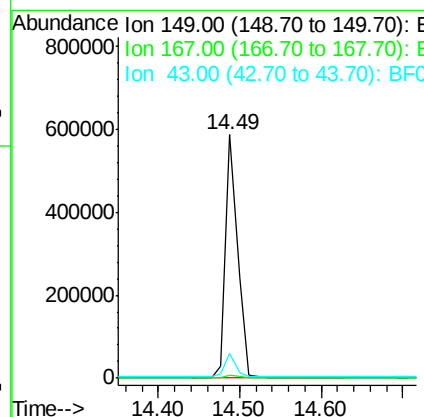
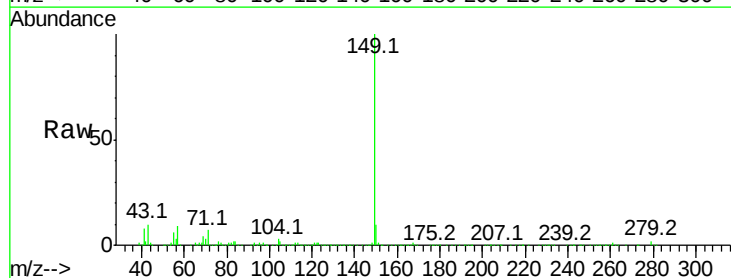
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#84
 Di-n-octyl phthalate
 Concen: 27.12 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	8.8	7.1	10.7	





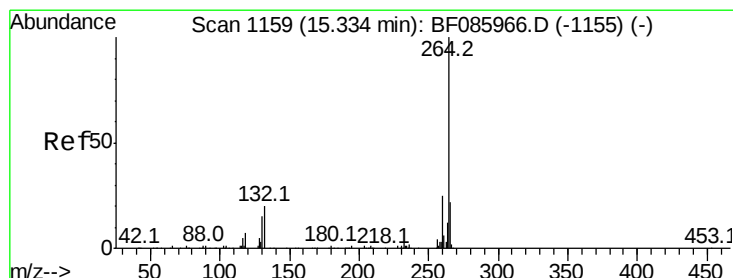
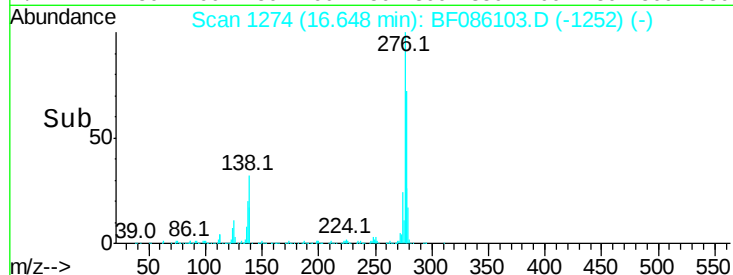
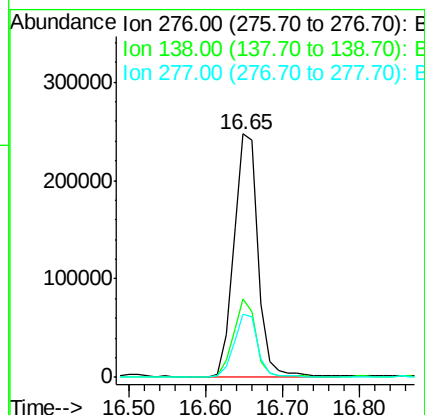
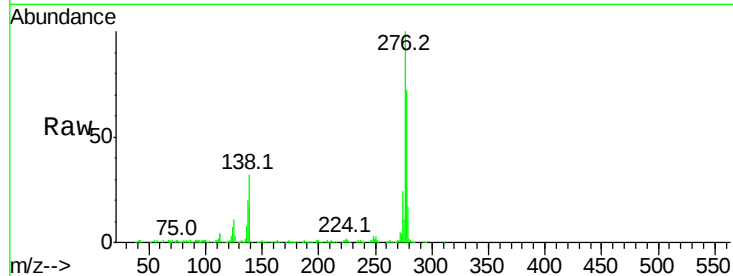
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.25 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Tot Ion:	276	Resp:	545878
Ion Ratio	Lower	Upper	
276	100		
138	30.2	24.2	36.4
277	25.1	20.0	30.0

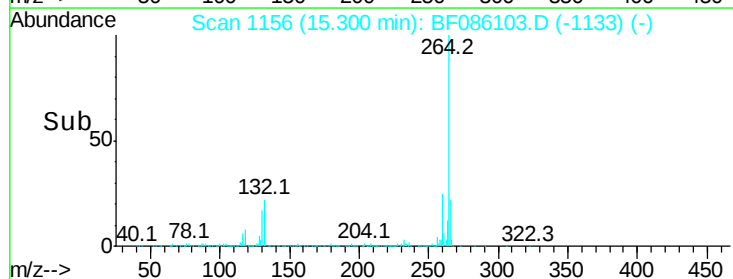
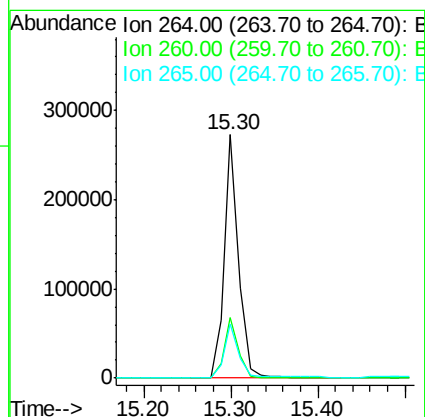
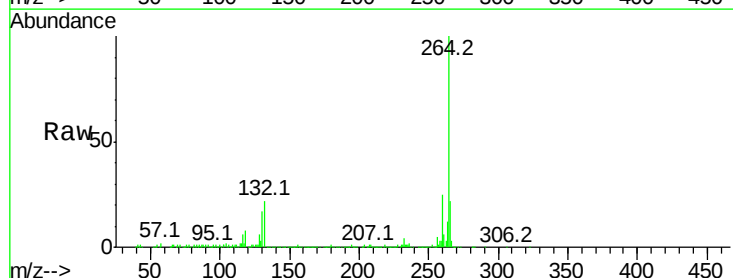
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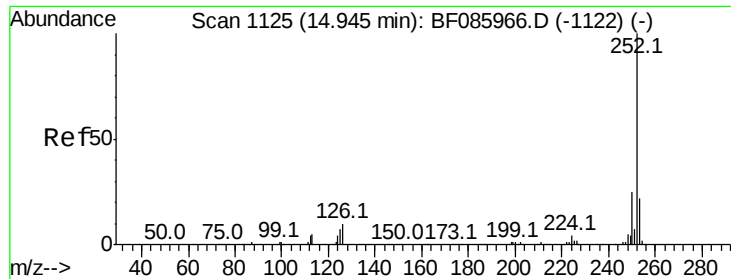
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Tgt Ion:	264	Resp:	315636
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.4	29.2
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 28.37 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Instrument :

BNA_F

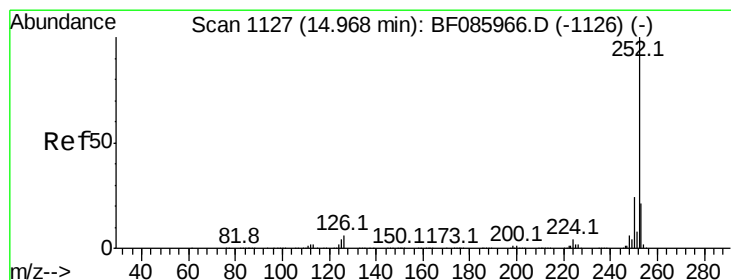
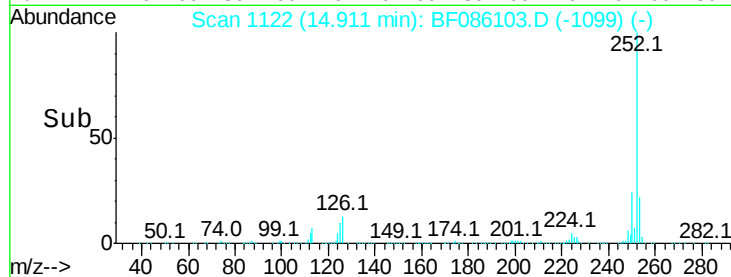
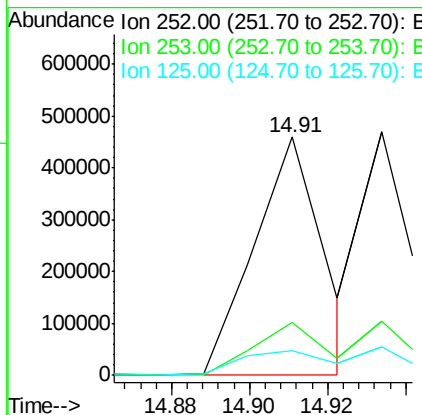
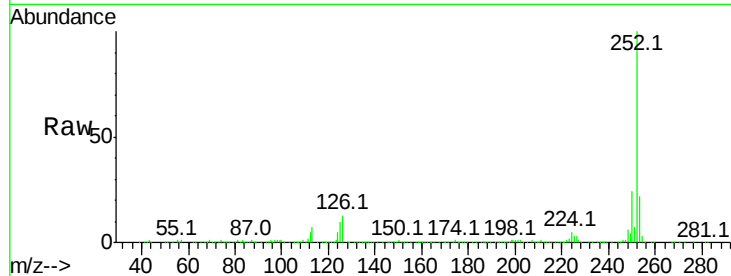
ClientSampleId :

SP-14MS

Tot Ion:	252	Resp:	563322
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	10.3	10.3	15.5#

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#88

Benzo(k)fluoranthene

Concen: 23.81 ng m

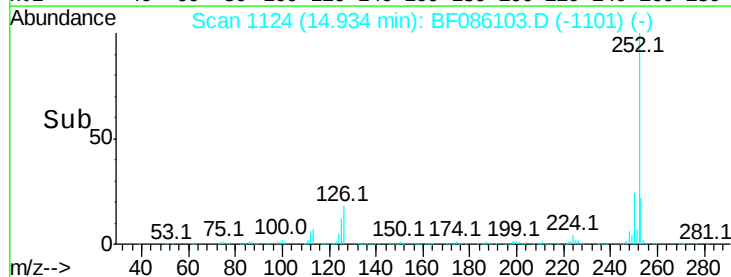
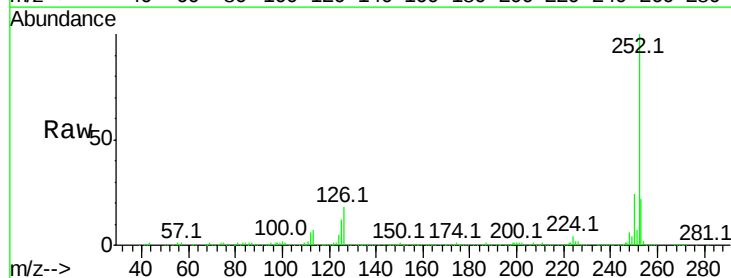
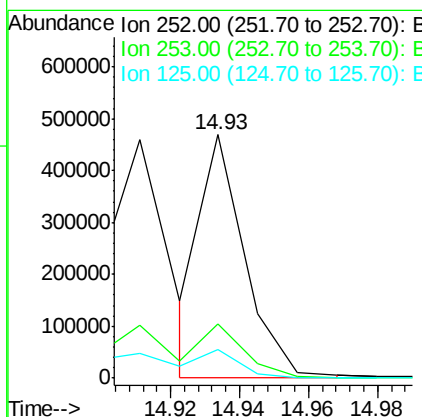
RT: 14.93 min Scan# 1124

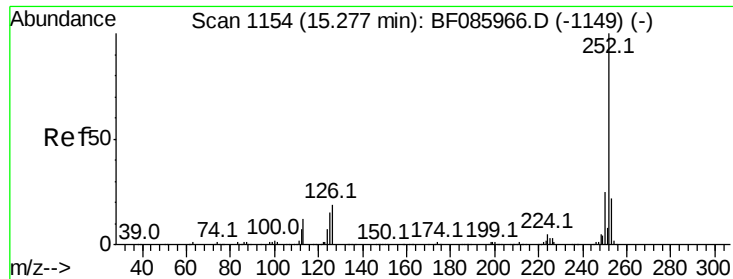
Delta R.T. -0.03 min

Lab File: BF086103.D

Acq: 6 Apr 2016 17:41

Tgt Ion:	252	Resp:	418581
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	11.8	7.7	11.5#





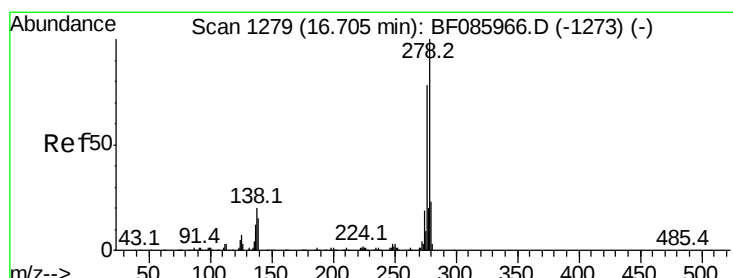
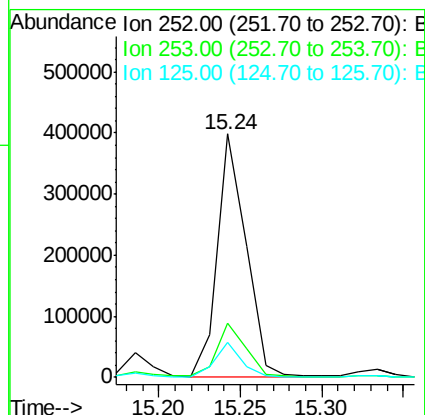
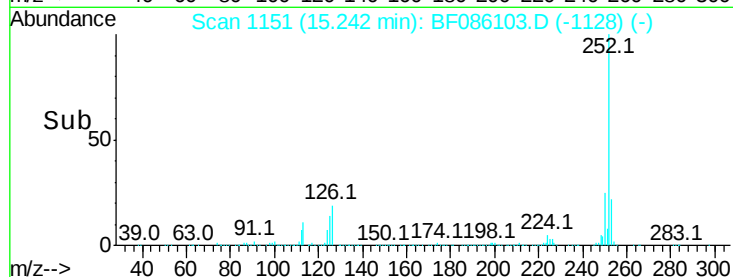
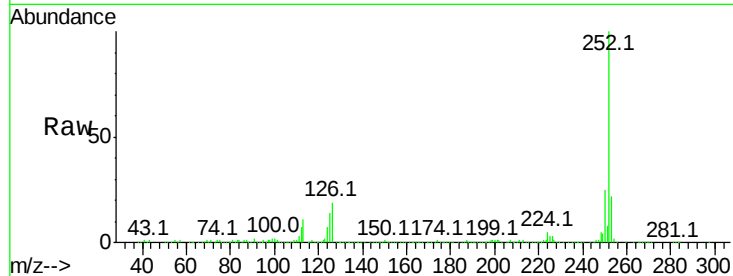
#89
Benzo(a)pyrene
Concen: 27.71 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Instrument :
BNA_F
ClientSampled :
SP-14MS

Tot Ion:	252	Resp:	487510
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	14.1	10.3	15.5

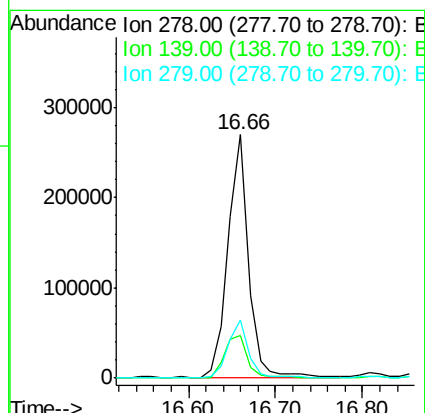
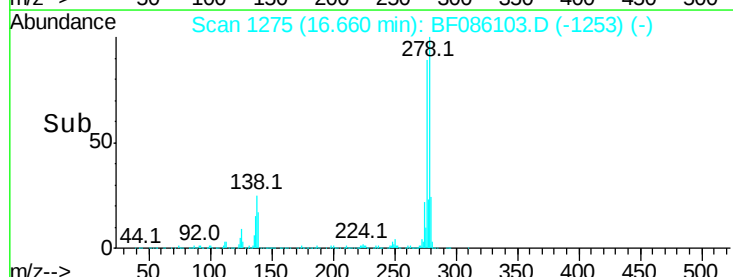
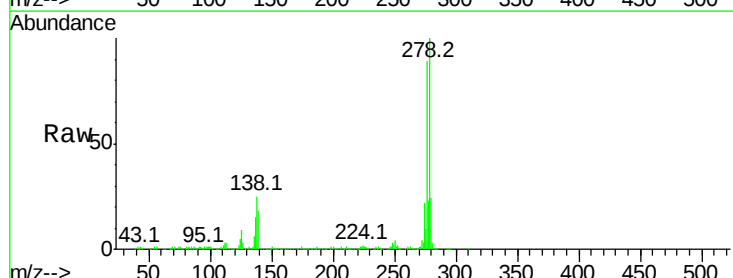
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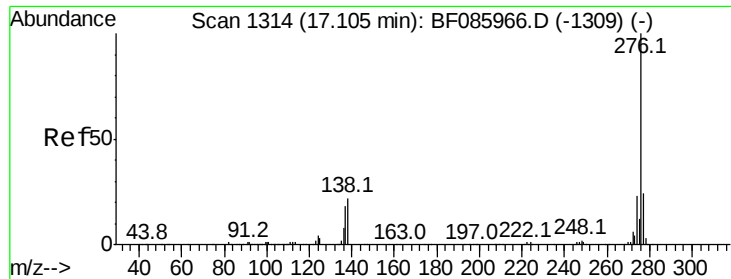
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#90
Dibenzo(a,h)anthracene
Concen: 31.08 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF086103.D
Acq: 6 Apr 2016 17:41

Tgt Ion:	278	Resp:	439858
Ion Ratio	Lower	Upper	
278	100		
139	17.5	14.4	21.6
279	23.8	19.1	28.7





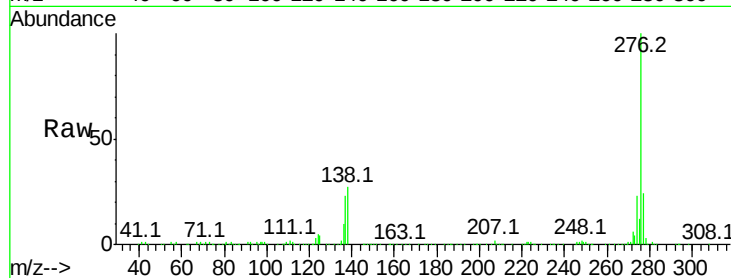
#91
 Benzo(a,h,i)perylene
 Concen: 33.85 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.06 min
 Lab File: BF086103.D
 Acq: 6 Apr 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MS

Tot Ion:	276	Resp:	463709
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	27.4	22.6	34.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

